

THE UNIVERSITY OF BRITISH COLUMBIA
Curriculum Vitae for Faculty Members

Date: April 2016

Initials: URS

1. SURNAME: Sumaila

FIRST NAME: Ussif Rashid

MIDDLE NAME(S):

2. DEPARTMENT/SCHOOL: Institute for the Oceans and Fisheries

3. FACULTY: Faculty of Science

4. PRESENT RANK: Professor **SINCE:** July 1, 2010

5. POST-SECONDARY EDUCATION

University or Institution	Degree	Subject Area	Dates
University of Bergen	Ph.D.	Economics	1996
University of Bergen	M.Sc.	Economics	1993
Ahmadu Bello University	B.Sc.	Quantity Surveying	1986

6. EMPLOYMENT RECORD

(a) *Prior to coming to UBC*

University, Company or Organization	Rank or Title	Dates
Chr. Michelsen Institute, Bergen	Snr. Research Fellow	1995-1999
Chr. Michelsen Institute, Bergen	Research Fellow	1993 – 1995
Foundation for Research in Economics and Business Administration, Bergen	Researcher	1993
Department of Economics, University of Bergen, Norway	Assistant lecturer	1990-91

(b) *At UBC*

Rank or Title	Department	Dates
Full Professor	Fisheries Centre/IOF	07/2010 – present
Director (acting from Nov. 1, 2008 to Mar 30, 2009)	Fisheries Centre	11/2008 – 06/2013
Associate (with tenure) Professor	Fisheries Centre	07/2006 – 06/2010
Assistant Professor	Fisheries Centre	2002-2006
Research Associate	Fisheries Centre	1999-2002
Adjunct Professor	Fisheries Centre	1996 – 1999
Visiting scholar	Fisheries Centre	1995-1996

7. TEACHING

(a) *Areas of special interest and accomplishments*

Environmental and Natural Resource Economics; Applied Game Theory; and Fisheries Economics.

(b) *Courses Taught at UBC*

Session	Course Number	Scheduled Hours	Class Size	Hours Taught			
				Lectures	Tutorials	Labs	Other
2016W2	Fish 508	48	8	8	0	0	0
2016W2	FRE 523	6	10	4	0	0	0
2016W1	Fish 520	10	5	5	0	0	0
2015W2	Fish 508	48	8	8	0	0	0
2015W1	Fish 520	10	12	8	0	0	0
2014W2	Fish 508	48	7	7	0	0	0
2014W1	Fish 520	10	8	8	0	0	0
2013W1	Fish 520	10	6	8	0	0	0
2013W2	Fish Econ 508	48	8	48	0	0	0
2012W1	Fish 520	10	6	8	0	0	0
2012W2	Fish Econ 508	48	10	48	0	0	0
2011W1	Fish 520	10	8	8	0	0	0
2011W2	Fish Econ 506	48	8	48	0	0	0
2010W2	Fish Econ 506	48	7	48	0	0	0
2009W1	ISCI 330	48	30	48	0	0	0
2009W2	Fish Econ 506	48	10	48	0	0	0
2008W2	Fish Econ 506	48	10	48	0	0	0
2008W1	ISCI 330	48	12	48	0	0	0
2008W2	Econ 371	48	106	36	0	0	12
2007W1	ISCI 330	48	12	1	0	0	0
2007W2	Econ 371	48	106	36	0	0	12
2006W1	Fish 506	48	12	1	0	0	5
2006W2	Econ 371	48	126	36	0	0	12
2005W2	Econ 371	48	126	36	0	0	12
2004W2,S	Econ 371	48	149	36	0	0	12
20032,S	Econ 371	48	100	36	0	0	12
2002W1	Fish 506	6	10	1	0	0	5
2002W2	Fish 502	12	8	12	0	0	0
2001W1	AGEC 520	36	12	36	0	0	0
2001W1	Fish 506	12	8	12	0	0	0
2000W1	Fish 501	6	8	1	0	0	5

* W1 & 2 are Winter terms 1 & 2, respectively.

* S denotes summer term.

(c) *Visiting Lecturer/Scientist (indicate university/organization and dates)*

Oxford University	Visiting Professor	2013-2014
Universidade Federal do Rio Grande do Norte - UFRN	Guest Professor	2014, 2015
East China Normal University	Guest Professor	2009-present
University of Ghana	Visiting Professor	2007-present
University of Tromsø, Norway	Visiting Professor	1999-2001
University of Namibia	Visiting Professor	1999-2009
University of West Indies, Cave Hill, Barbados	Visiting Professor	2003

(d) *Current Graduate Students Supervised*

Student Name	Program	Start date	Department
Anna Schuhbauer	Doctoral	2012	IOF
Sarah Harper	Doctoral	2013	IOF
Allison Witter	Doctoral	2014	IOF
Rebecca Singleton	Doctoral	2014	IOF
Travis Tai (co-supervised)	Doctoral	2015	IOF
Nicolas Talloni-Alvarez	Doctoral	2016	IOF
Nathan Bendriem	Masters	2016	IOF
Darah Gibson	Masters	2014	IOF

(e) *Current Graduate Student Committees*

Student Name	Program	Department
Taylor Clarke	PhD	IOF
Ravi Maharaj	PhD	IOF
Danielle Edwards	PhD	IOF
Sarah Hawkshaw	PhD	IOF
Lucas Brotz	PhD	IOF
Rachael Louton	PhD	IOF
Myriam Khalfallah	MSc	IOF
Dalal Al-Abdulrazzak	PhD	IOF
Mohammed Oyinlola	PhD	IOF
Xueying Ying	PhD	IOF
Aaron Greenberg	PhD	IOF
Melanie Ang	MSc	IOF
Justin Alger	PhD	UBC Liu Institute
Wanggi Jaung	PhD	UBC Forestry
Eric Angel	PhD	Simon Fraser Univ.
Michelle Jones	MSc	Simon Fraser Univ.

(f) *Graduated Students*

Student Name	Program (Completion date)	Role	1st/current position after completion
Andres M. Cisneros-Montemayor	PhD (2014)	Supervisor	Post-doc, Fisheries Centre
Andrea Haas	Masters (2014)	Supervisor	Research Associate at Cape Eleuthera Institute, Bahamas
Vicky Lam	PhD (2013)	Supervisor	Post-doc, Fisheries Centre
Teresa Ryan	PhD (2013)	Co-Supervisor	Consultant

Wilf Swartz	PhD (2013)	Supervisor	Research Associate, Fisheries Centre
Dale Marsden	PhD (2012)	Supervisor	DFO Economist, Ottawa
Megan Bailey	PhD (2012)	Supervisor	Canada Research Chair & Assistant professor, Dalhousie University
Nigel Haggan	PhD (2012)	Co-supervisor	Consultancy
Berchie Asiedu (Univ. of Sunyani)	PhD (2012)	Co-supervisor	Lecturer, the University of Energy and Natural Resources, Ghana
Liesbeth van der Meer	Masters (2012)	Supervisor	Oceana, Chile Office
Louise Teh	PhD (2011)	Supervisor	Post-doc, Fisheries Centre
Gakushi Ishimura	PhD (2010)	Supervisor	Associate Professor, University Iwate, Japan
Andres M. Cisneros-Montemayor	Masters (2010)	Supervisor	PhD student, UBC
Ben Starkhouse	Masters (2009)	Supervisor	Fisheries Manager, Washington State
Yajie Liu	PhD (2008)	Supervisor	Research Fellow, SINTEF, Univ. of Trondheim, Norway
Siv Reithe (Univ. of Tromsø, Norway)	PhD (2007)	Co-supervisor	Researcher, University of Tromsø, Norway
Ahmed Khan (UBC)	MSc (2007)	Supervisor	Obtained his PhD from Memorial Univ.; Post- doc at St Mary's Univ., Halifax
Megan Bailey (UBC)	MSc (2007)	Supervisor	Obtained her PhD at UBC
Heather Keith (UBC)	MSc (2007)	Supervisor	Working for an International Consultancy in Vancouver
Louise Teh (UBC)	MSc (2006)	Supervisor	Obtained her PhD from UBC
Falcao Mario (Stellenbosch University, South Africa)	PhD (2005)	Co-supervisor	Professor, Departamento de Engenharia Florestal, Maputo, Mozambique
Eunice Konadu-Twum (Univ. of Ghana)	Masters	Co-supervisor	Assistant Lecturer, Univ. of Ghana
Dyhia Belhabib PhD	PhD (2014)	Committee member	Post-doc, Fisheries Centre
Frédéric Le Manach	PhD (2014)	Committee member	Working for Bloom, Paris
Krista Greer	MSc (2014)	Committee member	Research assistant, Fisheries Centre
Lisa Boonzaier	MSc (2014)	Committee member	Working for an NGO in Cape Town
Aylin Ulman	MSc (2014)	Committee member	PhD Student in Europe
Brajgeet Bhathal	PhD (2014)	Committee member	Research Associate, Fisheries Centre
Maria Cristina Infante	PhD (2014)	Committee member	Defended her thesis on March 7, 2014

Rhona Govender	MSc (2013)	Committee member	Unknown
Tabitha Mallory (John Hopkins)	PhD (2013)	Committee member	Post-doc, Princeton-Harvard "China and the World" Program
Leah Beary	PhD (2013)	Committee member	Working for an NGO
Ahmed Khan (Memorial)	PhD (2012)	Committee member	Post-doc, Memorial University
Dawit Tesfamichael	PhD (2012)	Committee member	Post-doc, Fisheries Centre
Lydia Teh	PhD (2011)	Committee member	Post-doc, Fisheries Centre
Divya Alice Varkey	PhD (2010)	Committee member	Scientist, B.C. Ministry of the Environment
Eny Buchary	PhD (2010)	Committee member	Stockholm Resilience Centre
Adam Soliman (UBC-Food & Resource Economics)	MSc (2010)	Committee member	Director of the Fisheries Law Centre
Maria Jose Espinosa Romero (UBC-IRES)	MSc (2010)	Committee member	Working for an NGO in Mexico
Marivic Pajaro	PhD (2009)	Committee member	Works for the Haribon Foundation, Quezon City, Philippines
Jennifer Jacquet	PhD (2009)	Committee member	Faculty at NYU, New York
William Cheung	PhD (2007)	Committee member	Assistant professor, UBC Fisheries Centre
Stephanie McWhinnie	PhD (2007)	Committee member	Lecturer (Assistant professor), Univ. of Adelaide
Cameron Ainsworth	PhD (2005)	Committee member	Assistant professor, Univ. of South Florida
Ahmed Gelchu	PhD (2007)	Committee member	Works for BC Hydro, Vancouver
Louisa Wood	PhD (2007)	Committee member	Scientist, UNEP - World Conservation Monitoring Centre
Sarah Klein (UBC, IRES)	MSc (2010)	Committee member	PhD student at the IRES
Sarika Cullis-Suzuki	MSc (2009)	Committee member	PhD student at York University, U.K.
Richard Stanford	MSc (2002)	Committee member	Works for an NGO in England
Wilf Swartz	MSc (2004)	Committee member	Obtained his PhD from UBC
Brajgeet Bhathal	MSc (2006)	Committee member	Obtained his PhD from UBC

(g) Post docs (PDs) and Research assistants (RAs)

Name	Research
Louise Teh (PD/RA), 2011 - present	Small scale fisheries management and economics
Juan Jose Alava Saltos, (PD, co-supervision with Cheung), 2015 – present	Impact of pollutants on marine ecosystems
Raphaël Roman, (RD), 2016 – present	Recreational fisheries of BC
Sachiko Ouchi (RD), 2016	High seas fisheries economics
Andres M. Cisneros-Montemayor (PD, co-supervision with Cheung), 2014 – 2016	Bioeconomics
Lydia Teh (RA, co-supervision with Cheung), 2015 - present	Contributions of oceans to human wellbeing
Dana Miller (PD), 2012 - 2015	International fisheries management and economics
Ngaio Hotte (RA), 2011 - 2014	Economic impacts of oil spills
Ling Huang (PD), 2010 – 2011	Global fisheries economics and management
Henrik Osterblom (PD), 2009 - 2010	Illegal, unregulated and unreported fishing
Andrew Dyck (RA), 2008 – 2011	Global fisheries economics and management
Louise Teh (RA), 2006-2007	Small-scale fisheries
Liesbeth van Der Meer (RA), 2008-2009	Fish retail markets

(h) Visitors to my lab since 2005

Name	Affiliation
Katia Freire (Visiting Professor)	Instituto de Biologia/UFRJ, Brazil
Luís Outeiro (Visiting Postdoc)	University of Santiago de Compostela
Dennis Adotey (IAEA Visiting Fellow)	Ghana Atomic Energy Agency
Béchir Béjaoui (IAEA Visiting Fellow)	Institut National des Sciences et Technologies de la Mer (INSTM), Tunisia
Lance Yu (Visiting Scientist)	Ocean University of China
Katie Tooley (Masters Student)	UBC Economics Department
Maria-grazia Pennino	Universidade Federal do Rio Grande do Norte, Brazil
Cindy Bae (Masters Student)	UBC Land and Food Systems
Ana Helena Bevilacqua (PhD Student)	Universidade Federal do Rio Grande do Norte, Brazil
Sabrina Giorgi (Masters Student)	University of Paris-Dauphine, France
Carlos Gaspar (Economist and Director)	Nature, Economy and Environmental Policy (NGO), Argentina
Ayaa K. Armah (Senior Lecturer)	University of Ghana, West Africa
Patrizia Abdallah (Associate Professor)	Federal University of Rio Grande, Brazil
Mahamudu Bawumia (former deputy Governor of the Central Bank of Ghana)	Bank of Ghana
Matt Berman (Professor)	University of Alaska, Juneau
Marcos Dominguez-Torreiro (Researcher)	Universidade de Vigo, Spain
Berchie Asiedu (PhD Student)	University of Ghana
Sebastian Villasante (PhD student)	The Beijer Institute of Ecological Economics
Max Stoeven (PhD Student)	University of Kiel, Germany
Ruth Pincinato (Masters Student)	Universidade de São Paulo, Brazil
Anne Doeksen (Masters Student)	Wageningen University, Netherlands
Anne Reijbroek (Masters Student)	Wageningen University, Netherlands

8. SCHOLARLY AND PROFESSIONAL ACTIVITIES

(a) *Areas of special interest and accomplishments*

Environmental and Resource Economics, Globalization, Fish Trade and Sustainability, Applied Game Theory, Sustainable Development, Computational Economics. I currently focus on three related themes: (i) coastal and marine ecosystem valuation and bioeconomic (i.e., human-environmental) modeling of coastal and marine ecosystems that address topical issues such as the use of spatial marine protected areas as coastal and ocean management tools; (ii) the analysis of the economic, social and food security issues related to threats to coastal and marine ecosystems such as climate change, ocean acidification and oil spills; and (iii) the analysis of global coastal and marine ecosystem policy issues such as fisheries subsidies, illegal fishing, trade in fish and fisheries products, and their effects on marine conservation goals and policies.

(b) *Research or equivalent grants (indicate under COMP whether grants were obtained competitively (C) or non-competitively (NC))*

Granting Agency	Subject	Comp.	\$	Year	Principal Investigator	Co-Investigator (s)
		C or NC	Total/ Per Year			
Genome Canada	Enhancing Production in Coho: Culture, Community, Catch (EPIC4)	C	9.8 mil/ 2.45mil	2015 - 2019	Willie Davidson, Simon Fraser University	Rashid Sumaila, Ralf Mathews and others
MEOPAR Network of Centres of Excellence (NCE)	Canadian Ocean Acidification Research Network (COARnet)	C	1.1 mil/ 367,000 (UBC portion: 76,500/25,500)	2015 - 2018	Helmuth Thomas, Dalhousie University	Rashid Sumaila, William Cheung and others
Social Sciences and Humanities Research Council, Canada (SSHRC)	OceanCanada	C	2.5 mil/ 416,667	2014 - 2020	R. Sumaila	William Cheung and others
ADM Capital Foundation	OceanAsia		100,000	2014	R. Sumaila	
City of Vancouver	Potential economic impact of an oil spill in the Burrard Inlet	C	35,000	2014	R. Sumaila	N. Hotte
West Coast Environmental Law Center	Ecosystem Services and Sea Level Rise	C	16,500	2014	R. Sumaila	N. Hotte

Natural Science and Engineering Research Council, Canada (NSERC)	Maintaining productivity and incomes in Tonlé Sap fishery (Cambodia) in the face of climate change	C	900,000/ 300,000	2013 - 2016	K. McCann	R. Sumaila and others
Peter Wall Institute for Advance Studies, the University of British Columbia	International Research Roundtable Spaceship Earth – Meeting challenges for living on the Blue Planet under siege	C	37,500/ 37,500	2013 - 2014	R. Sumaila C. Nauen S. Meltzoff	
Global Ocean Commission, Somerville, Oxford Univ.	Economics of High Sea Fisheries	NC	78,000/ 39,000	2013 - 2014	R. Sumaila	
Social Sciences and Humanities Research Council, Canada (SSHRC)	Too big to ignore: A global study of small scale fisheries	C	2.5 mil/ 416,667	2012 - 2017	R. Chuenpagdee	R. Sumaila And others
Convention on Biological Diversity	GBO4 scenario study on the Strategic Plan and The Aichi Biodiversity Targets	C	40,000/ 20,000	2012 - 2014	R. Sumaila	W. Cheung; V. Christensen
Norwegian Research Council	Strengthening the adaptive capacity of institutions in fishery	C	1 million/ 250,000	2013 - 2016	Nils Chr. Stenseth, Kjell Arne Brekke	Sumaila, and others
International Atomic Energy Agency	Ecological and Economic Impacts of Ocean Acidification Due to Climate Change	NC	25,000	2013 - 2015	R. Sumaila	
AMAP (Arctic Council)	Arctic Ocean Acidification	NC	15,000	2013	R. Sumaila	
Pew Charitable Trusts	Forage Fish species in the South Atlantic Region	NC	40,950/ 20,475	2012 - 2013	R. Sumaila	Thomas A. Okey
World Wildlife Fund	Economic valuation of ocean-based activities for BC's North Coast	NC	25,000	2012	R. Sumaila	
World Wide Fund for Nature Hong Kong	Modeling the socio-economic impacts of two large reclamations on the recovery of the marine ecosystem and fisheries in Hong Kong	NC	10,000	2012	R. Sumaila	W. Cheung

National Geographic Society	Investigation of natural processes with emphasis on ocean responses to fishing, climate change, and other human impacts	NC	109,724/ 21,944	2011 - 2015	R. Sumaila	W. Cheung
Pew Charitable Trusts	Economics of shark watching	NC	8,500	2011 - 2012	R. Sumaila	
Pew Charitable Trusts	Western and Central Pacific Ocean tuna subsidies and economic values	NC	44,345	2011 - 2012	R. Sumaila	
Conservation International	Ocean Health Index	NC	24,000	2011	R. Sumaila	
Pew Charitable Trusts	Global fisheries economics	NC	38,000	2011	R. Sumaila	
Social Sciences and Humanities Research Council of Canada (SSHRC) Funding	SSHRC Re-application award Funding	C	1,500	2010	R. Sumaila	
Canadian Commonwealth Exchange Program	Small Scale Fisheries and Poverty Alleviation in Ghana - Support for PhD Candidate Berchie Asiedu	C	10,000	2010	R. Sumaila	
United Nations Environmental Programme	Green Economy Report on Fisheries	NC	90,000/ 45,000	2009 - 2010	R. Sumaila	
Pew Charitable Trusts	Global Ocean Economics Project	NC	738,000/ 246,000	2008 - 2011	R. Sumaila	
Inter-American Institute (IAI)	Climate change, Oceanographic variability and the artisanal fisheries of the SW Atlantic: A human dimensions approach	C	108,000/ 54,000	2008 - 2009	P. Abdalla, University of Rio Grande, Brazil	R. Sumaila
Pew Fellowship for Marine Conservation	Large scale bioeconomics	C	150,000/ 50,000	2008 - 2011	R. Sumaila	
Peter Wall Institute	Fisheries Economics	C	6,000	2007 - 2008	R. Sumaila	
Social Sciences and Humanities Research Council, Canada (SSHRC)	Coastal Connections: Interactive governance model for sustainable coastal development	C	136,299/ 45,433	2007 - 2010	R. Chuenpagdee, Memorial University	R. Sumaila

Kingfisher Foundation	Coral reef resource valuation	NC	152,500/ 76,250	2007 - 2009	R. Sumaila	
Natural Resources Defense Council	Easing the pain of Fishers during Fisheries Adjustments	NC	26,000	2007 - 2008	R. Sumaila	
WWF-US	Economics of Coral triangle marine resource use	NC	25,000	2007 - 2008	R. Sumaila	
North Pacific Universities Marine Mammal Research Consortium	Estimating the Cost to Fisheries of Marine Mammal Critical Habitat Designations	C	72,784/ 36,392	2005 - 2006	M. Berman, University of Alaska	R. Sumaila
North Pacific Research Board	Valuation of Critical Habitat	C	74,275/ 37,138	2005 - 2006	M. Berman, University of Alaska	R. Sumaila
Conservation International	Economic study of Raja Ampat ecosystem in Indonesia	C	60120/ 30,060	2005 - 2006	R. Sumaila	
European Commission	Valuation of marine Ecosystems Services	C	690,000/ 230,000	2005 - 2008	R. Sumaila	
AquaNet, Canada	Abalone project	C	96,000/ 48,000	2005 - 2006	R. Sumaila	
Global Environmental Facility, UN	Benguela Current Commission Study	NC	39,000	2004	R. Sumaila	
Canadian Sablefish Association	Ecological and economic analysis of sablefish farming	NC	17,000	2004	R. Sumaila	
Global Environmental Facility, UN	Optimal landing strategies for hake in Namibia and South Africa	C	136,000/ 68,000	2003 - 2005	R. Sumaila	
SSHRC, Canadian Research Council	Creating a Positive Future for Fisheries Worldwide	C	10,000/ 5,000	2004 - 2005	R. Chuenpagdee, Memorial University	R. Sumaila
Environment Canada	Fish trade and sustainability (Graduate student grants)	C	7,274	2004	R. Sumaila	
Environment Canada	Economics of aquaculture (Graduate student grant)	C	5,000	2004	R. Sumaila	
Research Council of Norway	Namibian Fisheries	C	24,000	2003 - 2005	R. Sumaila	

OECD	Economics of IUU Fishing	NC	12,800	2004	R. Sumaila	
OCEANA	US Marine Ecosystem Valuation	NC	114,750	2004	R. Sumaila	
WWF USA	Aquaculture (Graduate student grant)	NC	7,000	2003 - 2004	R. Sumaila	
Globec	Valuation of marine ecosystems	NC	2,927	2003	R. Sumaila	
Research Council of Norway	Valuation of marine ecosystems	NC	2,400	2003	R. Sumaila	
The Research Council of Norway	Economics of Marine Protected Areas	C	50,000/25,000	2000 - 2001	R. Sumaila	
The European Commission	Markets and Global Fisheries	NC	15,000/5000	1999	R. Sumaila	
The Research Council of Norway	Bioeconomic Modeling of Namibian hake fisheries	C	75,000/25,000	1997 - 1999	R. Sumaila	
Department of Fisheries and Oceans	Logical Decision Analysis Modeling	NC	25,000	1996	T. Pitcher, UBC Fisheries Centre	R. Sumaila
The Research Council of Norway	International Conference on the Economics of Marine Protected Areas	NC	18,000	2000	R. Sumaila	
The Research Council of Norway	Game Theoretic Models of Fishing	C	40,000/13,300	1994 - 1997	R. Sumaila	
The Research Council of Norway	Integrating Environmental Concerns into Current Project Appraisal Practices	C	52,000	1993	Arild Angelsen	R. Sumaila

(c) *Invited Presentations*

(1) *High Impact Science-Public Policy Presentations*

- Washington, DC, September 15-16, 2016: Our Ocean Conference hosted by Secretary John Kerry, with presentation by President Barack Obama. I was the scene-setter for the Sustainable Fisheries Panel.
- Rome, March, 9, 2016: Invited speaker at The 10X20 Initiative Conference on MPAs on “Scientific Consensus on MPA Financing”. Guest of the Foreign Minister of Italy.
- Rome, March, 7, 2016: Invited speaker at The 10X20 Initiative Conference on MPAs on “MPA Financing: Why invest in MPAs”. Guest of the Foreign Minister of Italy.
- Nairobi, December, 16, 2015: Trade and Development Symposium at the WTO Ministerial Meeting, on “E15 policy options on oceans and fisheries”.
- Hong Kong, November, 3, 2015: Royal Geographical Society of Hong Kong Seminar on “Diminishing fish stocks diminishing fortunes from the SCS”.

- Valparaiso, Chile, October 5, 2015: Secretary John Kerry's Our Oceans Conference on the "Benefits of managing ocean living resources sustainably".
- Geneva, Sep 29, 2015: UNCTAD and ComSec AHEM Meeting on Trade in Sustainable Fisheries, on "Subsidies weaken the sustainability of global fisheries while increasing inequality among fishers".
- Victoria, B.C., November 26, 2015: Invited speaker at the 2015 Royal Society of Canada Symposium: "Social license and marine biodiversity".
- Washington D.C., November 17, 2015: "Congressional Briefing on the fisheries subsidies provisions in Environment Chapter of the Trans-Pacific Partnership Agreement.
- Valparaiso, Chile, October 6, 2015: Invited talk to the Board of Directors of Oceana (a leading global NGO): "Subsidies, sustainability and inequality among fishers".
- San Jose, USA, March 17, 2015: "The quest for ocean sustainability: A new role for the high seas?" AAAS Annual Meeting.
- Addis Ababa, September 15, 2014: "The economic and social rationale for the establishment of a Pan African Blue Ocean Institute". AU-GOC-AfDB Meeting, African Union Headquarters.
- Valparaiso, July 3, 2014: "How do we cope with social and economic pressure of the fishing crisis?" International seminar: Fisheries crisis in Chile: the challenge of turning the tide.
- Geneva, April 28-29, 2014: "Fishing for the future: trends and issues in global fisheries trade". Presentation to the E15 Expert Group on Oceans, Fisheries and the Trade System.
- Kuwait, December 17-18, 2014: "Global Food Security and Climate Change from a Socio-Economic Perspective". Food Security and Climate Change Workshop.
- Kochi, December 5, 2014: "Challenges in property rights & marine fisheries management: An economist's perspective".
- Vancouver, March 29, 2014: "The sustainability of the global ocean". Vancouver Institute Public Lecture.
- New York, February 18, 2014: "Why Pacific Small Island States should care about the conservation and sustainable use of marine biodiversity beyond national jurisdiction". A briefing to a group of Ambassadors of Pacific Island States Missions at the United Nations.
- New York, November 20, 2013: "Why Caribbean countries should care about high seas biodiversity?" Caribbean Ambassadors' Briefing, United Nations.
- New York, November 18, 2013: "Why African countries should care about high seas biodiversity?" African Union Ambassadors' Briefing, United Nations.
- Geneva, October 21, 2013: "A Re-estimation of Global Fisheries Subsidies". Talk at the World Trade Organization.
- Brussels, October 17, 2013: "Global Fisheries Subsidies". Presentation at the European Parliament, Committee on Fisheries.
- Cape Town, March 22, 2013: "Global ocean economics". Presentation to members of the Global Ocean Commission (www.globaloceancommission.org/).
- Ottawa, November 27, 2012: "The Value and Opportunities of Healthy Oceans" at the "Oceans on the Hill" event hosted by Canada's All Party Ocean Caucus and WWF-Canada.
- Addis Ababa, Ethiopia, October 23-25, 2012: Harnessing Fishery Resources: Swimming the Tide to Africa's Development". African Development Forum VIII, theme: "Governing & Harnessing Natural Resources for Growth and Development." [audience was over 1000 people].

- Washington, D.C., July 12, 2012: A hearing of the US congressional subcommittee on Investigations, Oversight and Regulation entitled “Sinking the Marine Industry: How regulations are affecting today’s maritime businesses”.
- Rio de Janeiro, June 16-19, 2012: Panellist at Rio+20 Sustainable Development Dialogues Oceans panel session. The audience was about 2000 people, including Kings, Queens, Nobel Prize winners and high-level government officials.
- Nairobi, April 4-5, 2012: “The management of fish stocks and the importance of fish for food security in Africa”. United Nations human rights summit on the Right to Food.
- Singapore, February 22-24, 2012: Debate: "Feeding the world - are oceans the solution?". Session entitled "Biodiversity: threats and opportunities". World Oceans Summit.
- London, February 3, 2012: Address at the Prince’s Charities International Sustainability Unit (ISU) Marine Programme Launch.
- Durban, December 3, 2011: “Climate change impacts on the biophysics and economics of world fisheries”. United Nations Framework Convention on Climate Change (UNFCCC) 17th Conference of the Parties (COP 17).
- New York, June 20-24, 2011: Panellist to the twelfth meeting of the United Nations Open-ended Informal Consultative Process on Oceans and the Law of the Sea, United Nations.
- New York, June 8, 2011: Panellist to discussion entitled “Our oceans: greening our future” on World Oceans Day at the United Nations. UN Headquarters.
- Vancouver, February 4, 2011: A meeting of DFO senior management convened and attended by the Deputy Minister of Fisheries, Canada. Gave a talk on strategies to mitigate ecological, social & equity concerns arising from catch share management.
- Brussels, September 29, 2010: Dinner meeting with the chair of the reform committee of and Members of the European Parliament, on the results of work by my group on global fisheries economics.
- London, June 6-7, 2010: Group of forty G20 countries’ Members of Parliament, talk on the occasion of World Ocean Day, on the potential sustainability impacts of fisheries subsidies, British House of Lords.
- Nairobi, March 29, 2010: Keynote address on the benefits of ecosystem-based fisheries management at the Conference of the Parties Meeting, the Western Indian Ocean Stocktaking Session, UNEP Headquarters.
- London, March 17-18, 2010: Workshop convened and attended by Prince Charles on how to transition fisheries to a more resilient and sustainable states, St James Palace.
- Geneva, November 17-18, 2009: The United Nations, gave a talk as part of a review of the forthcoming UN Green Economy Report, on the potential economic advantage of 'greening' global fisheries.
- Nouakchott, November 16, 2008: One hour meeting with the Minister of Fisheries, Mauritania as a pre-view of a talk I gave at a workshop on the impacts of bottom trawling and hydraulic dredging on the potential net discounted fisheries benefits to the country.
- Monaco, March 20-21, 2008: Chaired and provided comments at a workshop sponsored by the Prince Albert II Foundation in Monaco entitled “Prospects for the sustainable management of fishery resources in areas beyond national jurisdiction”. The Prince of Monaco attended the closing session of the meeting.
- Ottawa, February 28, 2008: The Standing Committee on Fisheries, Canadian Parliament, on the potential effects of decisions taken by the WTO on Canadian fisheries.
- New York, October 3, 2007: G77 Countries of the United Nations Briefing on the current state of global fisheries: Implications for developing countries.
- Geneva, May, 2007: Country representatives at the WTO, talk on fisheries subsidies, the scope, magnitude and sustainability on its effect on the sustainability of fish resources.

- Washington D.C., June 15, 2006: Congressional (Hill) Briefing on the economics of rebuilding U.S. overfished stocks.
- Washington D.C., March 31, 2005: Office of Management and Budget, Executive Office of the President of the USA, the White House, talk on the economics of marine ecosystem restoration.

(2) Other invited presentations including keynotes (2010 – present)

- Vancouver, BC, July 7, 2016: Vancouver Aquarium Public Lecture, “The sustainability of the global ocean”.
- Hawaii, February 8, 2016: Invited talk at the Human Dimensions of LSMPAs Think Tank, Honolulu, on the “Economics of Large Scale MPAs”.
- Vancouver, BC, November 16, 2015: Liu Institute Seminar on Large-scale interdisciplinary collaborative research: Examples from the ‘ocean trenches’
- Oxford, Somerville College, Nov. 12, 2015: High Sea Symposium on the “The economics of high seas fisheries: what do we know and what do we need to know?”
- Hong Kong, November, 4, 2015: Credit Suisse Seminar on “Stop diminishing fish stocks to improve fortunes from Asia’s waters”.
- Hong Kong, November 3, 2015: Press Conference on “Boom or Bust: The Future of Fish in the South China Sea”.
- San Juan, Puerto Rico, October 20, 2015: Global Ocean Legacy meeting on “Conservation economics: Close the high seas to boost global catch, equality”.
- San Juan, Puerto Rico, October 16, 2015: Pew Marine Fellows meeting on “Connecting ocean science and policy @ the regional level”.
- Cape Town, August 25 2015: PIRATA-PREFACE-CLIVAR Tropical Atlantic Variability Conference, “Socioeconomic Benefits of LME valuation in context of Climate Change”.
- Natal, Brazil, August 13, 2015: Seminar at UFRN, Natal, Brazil, “Why Value the Socioeconomic Benefits of Large Marine Ecosystem?”
- Tokyo, June 2015: at the UNESCO-IPBES Scenarios Workshop, “Global Biodiversity Outlook *OceanCanada* Partnership Marine Scenario Analysis”.
- Vancouver, April, 27, 2015: “Spaceship Earth – Fellow travelers steer towards living sustainably with the ocean”.
- Vancouver, April, 27, 2015: Ocean Wise 10th Anniversary: from fish to foodies, on “Sustaining Ocean Fisheries: a Resource Economics Perspective”.
- Paris, April 14, 2015: Workshop on Marine Resources that UNEP’s International Resource Panel “Marine resources: an environmental and resource economics perspective”.
- Vancouver, February 27, 2015: “Conservation economics: Close the high seas to boost global catch, equality”. Fisheries Centre Research Seminar.
- Vancouver, February 26, 2015: “Challenging the ‘right to fish’: closing the high seas to fishing”. Presentation to VSB Global Sustainability Class, Prince of Wales Mini Secondary.
- Vancouver, February 23, 2015: “A Story about Community Based Ocean Research”. UBC CBR Telling Stories Series, MOA.
- Hokkaido, January 14, 2015: “Internationalization at the University of British Columbia”. Hokkaido University – Internationalization Symposium.

- Washington, D.C., December 15, 2014: “Winners and losers in a world where the high seas is closed to fishing”. Pew Charitable Trusts Headquarters.
- Geneva, Nov., 12-13, 2014: “Oceans, Fisheries and the Trade System: Objectives”. 2nd Meeting of the E15 Expert Group on Oceans, Fisheries and the Trade System.
- Sausalito, California, November 8, 2014: “Large-scale bioeconomics for marine ecosystem conservation and human well-being”. Finishing Fellow Talk.
- Swakopmund, Oct. 8-10, 2014. “Socioeconomic Benefits of LME Valuation: Why value LME goods and services?” The 3rd Large Marine Ecosystem Conference.
- Campinas, September 1 – 4, 2014: “Freshwater angling and the economy of British Columbia, Canada”. 7th World Recreational Fishing Conference.
- Natal, Brazil, July 31, 2014: “The global ocean: Its role and sustainability”. Bioforum Seminar, Universidade Federal do Rio Grande do Norte.
- Beijing, May 12 – 15, 2014: China, fish & food security: Critical issues and challenges. At a Fish and Food Security Symposium organized by Stanford University.
- Quito, April 9 – 12, 2014: “Fisheries subsidies as source of finance for meeting the Aichi Targets”. UN Meeting on the Aichi Targets.
- Washington, D.C., January 20, 2014: Marine commercial fisheries versus marine tourism economic benefits. Presentation at the Head Office of the Pew Charitable Trusts on Martin Luther King Day.
- Vancouver, December 5-6, 2013: Avoid ‘Bad’ Economics to Ensure Sustainable Oceans. Talk at the Canadian Healthy Oceans Network Dialogue Meeting.
- Barcelona, November 15, 2013: The Market for Pelagic Fish in Nigeria. Presentation to the Pelagic Fish Forum, [By Video Conference].
- Sapporo, November 15, 2013: New challenges to ocean governance in the face of climate change. Talk given at the Sustainable Society Symposium.
- Sapporo, Japan, October 30, 2013: Internationalization at the University of British Columbia. Presentation at the Hokkaido University – Finnish Universities Joint Symposium.
- Toronto, October 28, 2013: Can it possibly make sense to close off the high seas to fishing? Presentation at the Green Peace International GPI Workshop on Marine Reserves Meeting.
- Dublin, October 17-21, 2013: Net Benefits to Society from Fisheries. Presentation at the Pew Fellows Annual Meeting.
- Seattle, September 30, 2013: Human Dimension Indicators of Social-Ecological System. Presentation at Valuing killer whales, Chinook salmon and the Ecosystem Services Workshop.
- Vienna, September, 17-18, 2013: Climate change & ocean acidification impacts on the socio-economics of fisheries. Talk at IAEA Scientific Forum.
- Little Rock, Arkansas, August 8-12, 2013: Climate change impacts on the economics of world fisheries. Presentation at the 143rd AFS Annual Conference.
- New York, July 5-6, 2013: The Economics of Ecosystems and Biodiversity (TEEB) in the Global Ocean. Presentation at the 2nd Global Ocean Commission Meeting.
- London, June 28, 2013: Economics (cost) of IUU Fishing. Presentation at the Pew Illegal Fishing Workshop.
- New York, June 19, 2013: Potential Economic and Social Impacts of Ocean Acidification on Arctic Fisheries. Presentation at the UN 2100 Solvency Side Event.
- Honolulu, June 13-15, 2013: What Do We Mean by Human Dimension Indicators? Talk at the PICES Workshop on human dimension to ecosystem management.

- Montreal, May 27-29, 2013: Potential Economic and Food Security Implications of Warming Oceans. Presentation at the Climate Change Technology Conference organized by Canadian engineers.
- Lisbon, Portugal, June 3-5, 2013: Managing the world's ocean: Focus on the high seas. Presentation at the 3rd E.U. - U.S. Conference.
- Stanford, May 10-12, 2013: Bad economics and the Management of Global Fisheries in a Changing Environment. Panel speaker at the Stanford Marine Conservation Symposium Panel.
- Bergen, May 6-8, 2013: "Potential Economic and Social Impacts of Ocean Acidification on Arctic Fisheries". Arctic Ocean Acidification Conference, May 6-8.
- Oxford, April 15-16, 2013: "Economics of High Seas Fisheries". Global Ocean Commission Meeting on High Seas Marine Reserve.
- Edinburgh, May 11, 2012: Panellist at the Prince's Charities' International Sustainability Unit Workshop, "The transition to sustainable fisheries: Presenting the case for change," 6th World Fisheries Congress.
- New York, April 30, 2012: A Rio+20 second round side event entitled "From harmful subsidies to safe subsidies," United Nations.
- Tanzania, July 19, 2012: Current and potential fish asset values worldwide. Session entitled "Measurement and Indicators for Improved Understanding and Management Part 1". International Institute of Fisheries Economics and Trade (IIFET).
- Tanzania, July 17, 2012: Climate change effects on the Economics and Management of world fisheries. Session entitled "Frontiers in Economic Modeling Part 1. International Institute of Fisheries Economics and Trade.
- Edinburgh, May 10, 2012: Illegal Fishing – Examining Impacts and Solutions. 6th World Fisheries Congress.
- Vancouver, Canada, February 16-20, 2012: "Ecological and financial deficits: A double whammy for future generations". Session entitled "Whole-Ocean Economics: Global Fisheries Analysis Potential for Policy Action". AAAS Annual Meeting.
- San Diego, California, April 6, 2011: "Whose fish are you catching – yours or the future generations?" Ecology Seminar, SCRIPPS Institution of Oceanography.
- Washington, D.C., February 18, 2011: "Current contribution of global fisheries to human welfare". Session entitled "Climate Change: Altering the Physics, Ecology, and Socioeconomics of Fisheries". AAAS Annual Meeting.
- Copenhagen, Denmark, January 31 - February 1, 2011: "Potential impacts of ocean acidification on marine fisheries". AMAP Workshop.
- Nairobi, January 18-19, 2011: "Overview of the Cost Benefit Analysis - Challenges". Governance and CBA of WIO Workshop.
- Casablanca, Nov., 27-28, 2010: "Economic MIS-incentives and the MIS-management of Bluefin Tuna in the Mediterranean Sea". Mena Region Environmental Economics Workshop.
- Sapporo, November 9, 2010: "Overview of sustainability science (with emphasis on fish and fisheries)". Sustainable Science Conference.
- Anaheim, October 1, 2010: "Sustainability, subsidies, & seafood security". SACNAS Meeting.
- Bangkok, October 17-22, 2010: "Fisheries subsidies & potential fish catch loss in SIDS Exclusive Economic Zones". World Small-Scale Fisheries Conference.
- Barcelona, September 25-29, 2010: "Incentives, conservation and economic benefits from fisheries". Pew Fellows Meeting.

- Barcelona, September 25-29, 2010. "Bioeconomics as a tool for spatial management". Pew Fellows' Meeting.
- Washington, D.C., September 13, 2010: "Economic consequences of global overfishing". National Geographic Ocean Restoration launching.
- Taipei, August 3-5, 2010: "Western Central Pacific tuna sequential games". IFF5 Conference.
- Montpellier, July 13-16, 2010: "Global Ocean Economics Project: past, present and future?" International Institute for Fisheries Economics and Trade Biennial Meeting.
- San Francisco, February 2-4, 2010: "Fisheries Management in Namibia with emphasis on Fishing Rights". Coastal Pelagic Species Fishery Catch Shares Workshop.

(d) *Conference Participation (Organizer, Convener, etc.)*

- **Co-convener:** Global Biodiversity Outlook 4 workshop at the University of British Columbia, May 10–14, 2014.
- **Convener:** *OceanCanada* Partnership proposal workshop at the University of British Columbia, August 28-30, 2013.
- **Co-convener:** ClimECO3 Summer Field School hosted by IMBER. Middle East University, Ankara, Turkey, 23-28 July 2012.
- **Chair:** Session at the IIFET 2012 Conference entitled "Climate Change Impacts on the Economics of World Fisheries," 17 July 2012.
- **Organizer and Moderator:** Conference in Honour of Dr. Colin Clark – Developments and Challenges in Fisheries Economics, May 15-16, 2012.
- **Convener:** Session at the AAAS Annual Meeting entitled "Whole-Ocean Economics: Global Fisheries Analysis Reveals Potential for Policy Action," Vancouver, 20 February 2012. Presented talk entitled "Ecological and Financial Deficits: a Double Whammy for Future Generations."
- **Moderator:** Session at the AAAS Annual Meeting entitled "Sustaining People and Oceans: Governance in Marine Social-Ecological Systems," Vancouver, 19 February 2012.
- **Scientific Committee member:** International Symposium on the Ocean, Green Shipping and Sustainable Energy, Institut Océanographique de Paris, France, 28-29 April 2011.
- **Organizer:** Session at the AAAS Annual Meeting entitled "Climate Change: Altering the Physics, Ecology, and Socioeconomics of Fisheries," Washington Convention Center, 18 February 2011.
- **Co-convener:** Symposium at the USSEE conference entitled "Pathways and Policies Toward Sustainable Fisheries and Marine Ecosystems", American University, Washington, D.C., 31 May – 3 June 2009.
- **Organizer:** Session at the 2009 North American Association of Fisheries Economists Forum entitled "Global Ocean economics Project", May 17-20, 2009.
- **Co-convener:** Session 4: Ecosystem services and values: ecological, economic, social and cultural, Rome, July 8-11, 2008.
- **Co-organizer:** Session: Learning from cod to save tuna; 2008 AAAS Meeting, Boston, Feb. 15-19.
- **Organizer:** 2005 North American Association of Fisheries Economists (NAAFE) 3rd Biennial Forum, Vancouver, Canada.
- **Co-organizer:** Fisheries economics conference in honour of professor Gordon Munro, UBC Campus, Vancouver, Canada, August, 2004.

- **Session Leader:** Economic Valuation Session at the forthcoming World Fisheries Congress to take place in Vancouver in May 2004 (<http://www.worldfisheries2004.org/home.htm>).
- **Organizer:** Economics of Marine Protected Areas Conference, University of British Columbia, July 6-7, 2000, Vancouver, Canada.
- **Convener:** “Markets, Global Fisheries and Local Development” Workshop, Chr. Michelsen Institute, 22-23 March 1999, Bergen, Norway.

(e) *Other works*

Media (I list these because I believe that it important for academics to communicate their work to policy makers and the public in general).

Please list recent media coverage

2016

- December 30: CBC News Network: <https://drive.google.com/file/d/OB5soqFBj8RhkTS1sNDZjT3R3NW8/view?usp=sharing>
- November 30: New Scientist: The plan to ban fishing in more than half the world's oceans.
- November 03: Financial Express: Climate change may lead to annual revenue loss of \$10 bn for global fisheries sector by 2050.
- October 3: Stanford News: [Stanford researchers find that the future of Antarctic marine protected areas is at risk.](#)
- September 29: Yale 360: [High Stakes on the High Seas: A Call for International Reserves.](#)
- September 22: Liu Institute for Global Issues: <http://liu.arts.ubc.ca/news-and-view/liu-professor-sets-scene-at-2016-our-ocean-conference/>
- September 12: The Peak: <http://www.the-peak.ca/2016/09/public-forum-on-pipeline-and-energy-strategy-at-sfu-held-by-terry-beech/>
- September 12: Pesceinrete: <http://www.pesceinrete.com/php/news/10388-i-cambiamenti-climatici-causeranno-forti-perdite-economiche-al-settore-ittico.html>
- September 8: Global News: <http://globalnews.ca/video/2929280/ubc-report-climate-change-will-decimate-fisheries/>
- August 29: National Geographic: <http://news.nationalgeographic.com/2016/08/wildlife-south-china-sea-overfishing-threatens-collapse/>
- August 30: UBC News: <http://news.ubc.ca/2016/08/30/high-seas-fisheries-management-could-recoup-losses-due-to-climate-change/>
- August 15: The Conversation: <http://theconversation.com/fishing-not-oil-is-at-the-heart-of-the-south-china-sea-dispute-63580>
- July 26: Sea Around Us: <http://www.seaaroundus.org/west-african-fisheries-workshop-fisheries-economics/>
- July 1: CBC News: <http://www.cbc.ca/news/technology/insurance-illegal-fishing-1.3256782>
- June 15: CBC News: <http://www.cbc.ca/news/technology/coral-reefs-1.3637281>
- June 15: Motherboard: <http://motherboard.vice.com/read/one-fifth-of-the-global-population-risks-malnutrition-as-fish-stocks-decline>
- June 8: Roundhouse Radio interview: <http://cirh.streamon.fm/listenlater-pl-3240>

- March 28: Take Part: <http://www.zmescience.com/science/oceanography/fish-stocks-ocean-20012016/>
- March 21: Vox: <http://www.vox.com/2016/3/21/11275962/fishing-subsidies-overfishing>
- March 14: CBC News: <http://www.cbc.ca/news/canada/north/beaufort-sea-environmental-assessment-1.3490983>
- January 20: ZME Science: <http://www.zmescience.com/science/oceanography/fish-stocks-ocean-20012016/>.

2015

- November 6: China Daily USA: http://usa.chinadaily.com.cn/epaper/2015-11/06/content_22390165.htm
- November 6: Retail News Asia: <http://www.retailnews.asia/study-shows-popular-fish-consumed-in-hong-kong-under-serious-threat/>
- November 4: Undercurrent News: <https://www.undercurrentnews.com/2015/11/04/study-warns-some-species-in-south-china-sea-are-close-to-extinction/>
- November 3: AFP in Manila Bulletin: <http://www.mb.com.ph/some-south-china-sea-fish-close-to-extinction/>
- October 22: On CBC News: <http://www.cbc.ca/news/canada/north/ocean-scientists-call-on-liberals-to-restore-fisheries-act-unmuzzle-researchers-1.3286407>
- August 22: Op-ed in Vancouver Sun: <http://www.vancouversun.com/technology/Opinion+Canada+absent+climate+change/11310374/story.html>
- June 18: Interview on CBC: <http://www.cbc.ca/news/canada/north/beaufort-sea-s-fish-population-at-risk-due-to-acidification-study-1.3118246>
- June 12: Interview on NPR: <http://www.marketplace.org/topics/sustainability/migrating-whales-bring-migrating-tourists>.
- April 15: <http://www.theglobeandmail.com/news/british-columbia/crab-and-prawn-fishing-banned-in-burrard-inlet-in-wake-of-fuel-spill/article23981503/>. The Globe and Mail.
- April 13: <http://www.vancouversun.com/travel/spill+could+tarnish+Vancouver+green+brand/10963055/story.html>. Vancouver Sun (with Ngaio Hotte, my research assistant).
- April 13: <http://www.vancouverobserver.com/national-observer/canadas-economy-needs-more-diversification-heres-why?page=0%2C1>. Vancouver Observer (with Ngaio Hotte, my research assistant).
- April 11: <http://www.vancouversun.com/technology/spill+response+English+falls+short+world+class/10963080/story.html>. Vancouver Sun.
- April 11: <http://www.news1130.com/2015/04/11/summer-tourism-could-be-impacted-by-wednesdays-oil-spill-ubc-economist/>. News1130 (with Ngaio Hotte, my research assistant).
- April 10: <http://globalnews.ca/video/1932966/what-effect-will-the-vancouver-oil-spill-have-on-the-environment-wildlife-and-economy>. Global TV.
- April 10: <http://www.vancouversun.com/Video+Finger+pointing+begins+after+spills+into+English/10959435/story.html>. Vancouver Sun (with Dana Miller, my postdoc).
- April 10: <http://thetyee.ca/News/2015/04/10/Vancouver-Fuel-Spill/>. The Tyee (with Dana Miller, my postdoc).
- April 9: <http://www.theglobeandmail.com/news/british-columbia/crews-work-to-contain-fuel-spill-in-vancouvers-english-bay/article23856287/>. The Globe and Mail (with Dana Miller, my postdoc).

- April 9 and 11: <http://www.news1130.com/2015/04/09/oil-spill-shows-increased-tanker-traffic-could-have-dire-consequences-environmentalists/comment-page-2/#comments>
<http://www.news1130.com/2015/04/11/who-will-pay-for-the-massive-clean-up-still-underway-in-and-around-english-bay/>. News1130am (with Dana Miller, my postdoc).
- March 16: <http://www.vancouversun.com/news/simon-fraser-university/Canada+would+benefit+high+seas+fishing+closed/10809452/story.html> Vancouver Sun.
- February 23: <http://www.scientificamerican.com/article/world-closes-in-on-consensus-to-regulate-fishing-on-the-high-seas/> Scientific American.
- February 22: <http://www.thecordovaitimes.com/article/1508spreading-the-wealth> The Cordova Times.
- February 18: <http://blog.geogarage.com/2015/02/researchers-propose-high-seas-fishing.html> Geogarage.
- February 16: <http://www.canadiangeographic.ca/blog/posting.asp?ID=1448>. Canadian Geographic.
- February 15, 2015:
http://www.seeddaily.com/reports/Study_recommends_closing_the_high_seas_to_fishing_999.html
Farm News.
- February 15: <http://marketbusinessnews.com/banning-fishing-high-seas-benefit-canada-plus-several-nations/48223> Market Business News.
- February 14: <http://canadajournal.net/science/scientists-propose-high-seas-fishing-moratorium-22956-2015/> Canada Journal.
- February 13:
<http://www.fis.com/fis/worldnews/worldnews.asp?monthyear=&day=13&id=74588&l=e&special=0&ndb=0> FIS Canada.
- February 12: <http://www.sciencedaily.com/releases/2015/02/150212092502.htm> Science Daily.
- February 12: http://www.eurekalert.org/pub_releases/2015-02/uobc-hsfo21115.php Eurekalert. The Global Source for Science News.
- February 12: <http://metronews.ca/news/vancouver/1287078/b-c-researchers-propose-high-seas-fishing-moratorium/> Metro News.

2014

- September 3: <http://www.virgin.com/unite/leadership-and-advocacy/why-are-we-paying-to-destroy-our-high-seas?> Virgin Unite.
- July 3:
http://therealnews.com/t2/index.php?option=com_content&task=view&id=31&Itemid=74&jumival=12073. Real News Network, USA.
- June 24: <http://news.nationalgeographic.com/news/2014/06/140624-global-ocean-commission-report-high-seas-fishing-environment/>. National Geographic Society.
- June 10: <http://www.scientificamerican.com/article/how-fish-cool-off-global-warming/>. Scientific American.
- June 10: <http://conservationmagazine.org/2014/04/should-we-close-the-high-seas-to-fishing/>, study suggests. FIS.
- June 10: <http://motherboard.vice.com/read/unregulated-deep-ocean-fishing-threatens-a-148-billion-carbon-sink-report>. VICE Motherboard.
- June 8:
http://www.theecologist.org/News/news_analysis/2431895/stop_fishing_the_high_seas_say_scientists_for_climate_and_ecology.html. The Ecologist.

- June 8: <http://www.climatenetwork.net/end-high-seas-fishing-for-climates-sake/>. Climate News Network.
- June 5: <http://phys.org/news/2014-06-oceans-worth-bltn-annually-co2.html>. Phys.org.
- March 23, 2014. <http://metronews.ca/news/vancouver/978667/northern-gateway-could-be-b-c-s-exxon-valdez-experts-warn/>. Metro News.

2013

- December 3: [The commercial seal hunt is showing signs that the end is near](#). Vancouver Sun.
- June 3: [Promotion of shark eco-tourism could bite into fin trade](#). Xinhua News.
- June 3: [Sharks worth more in seas than in soups, study finds](#). Christian Science Monitor.
- June 2: [Shark Tourism Worth More Than Killing Them For Food, New Study Shows](#). Huffington Post Canada.
- June 1: [Sharks worth more in ocean than in soup, B.C. study finds](#). CBC News.
- May 31: [Why Sharks Generate More Money Alive Than Dead](#). LiveScience.
- May 23: [Pros and cons of pipeline expansion in BC](#). CKNW, The Bill Good Show.
- May 23: [What Norway did with its oil and we didn't](#). The Globe and Mail.
- May 8: [Ocean acidification affecting Arctic at fast pace](#). CBC News.
- May 7: [Arctic Ocean acidifying from greenhouse gasses, study suggests](#). CTV News.
- January 4: [Unsustainable fishing threatens Africa's economy](#). Ghana Business News.

2012

- December 13: [Oil spill off B.C. coast could cost \\$9.6b and wipe out pipeline benefits: UBC](#). Business Vancouver.
- December 12: [West Coast oil tanker spill clean-up could cost \\$9.6B](#). CBC.
- December 12: [Cost of B.C. oil spill could outweigh Northern Gateway gains: WWF Study](#). Toronto Star.
- December 12: [Study takes aim at Northern Gateway pipe](#). UPI.com.
- December 12: [Northern Gateway and marine safety live from Prince Rupert](#). CBC, BC Almanac.
- December 12: [Tanker spill could wipe out Northern Gateway rewards: UBC study](#). Macleans.ca.
- December 12: [Enbridge Pipeline Faces Scallop-Farmers Fight: Corporate Canada](#). Washington Post.
- December 12: [Enbridge's Northern Gateway pipeline faces fight from scallop farmers](#). National Post.
- December 12: [Enbridge, opponents spar over pipeline's risks](#). Globe and Mail.
- December 12: [Northern Gateway and marine safety live from Prince Rupert](#). CBC, BC Almanac.
- December 12: Appeared on GlobalTV News, Global Morning News, Global-BC Noon News, CBC News, CTV National News and CTV-BC News to discuss the [potential economic impacts of a tanker spill in the North Coast region](#) of BC.
- November 26: [Could rebuilding global fisheries save hundreds of billions of dollars?](#) Mongabay.
- November 26: [Canadian Ocean economies at risk from GHG emissions](#). The Hill Times.
- November 8: [Billions in Subsidies Prop up Unsustainable Overfishing](#). Inter Press Service.
- October 29: [Africa said to be losing one million tons of fish every year](#). Spy Ghana.

- October 29: [Africa said to be losing one million tons of fish every year](#). Ghana Business News.
- October 25: [Africa Loses One Million Tonnes of Fish Yearly Due to Illegal Fishing](#). All Africa.
- October 25: [Africa Loses One Million Tonnes of Fish Yearly Due to Illegal Fishing](#). African Development Bank Group.
- August 15: [Ocean Health Index provides first global assessment combining natural and human dimensions of sustainability](#). ScienceDaily.
- August 2: [The case for a leaner, meaner global fishing industry](#). Arts Technica.
- July 16: \$292 billion: the cost of fixing global fisheries. Vancouver Sun.
- July 13: [How to make global fisheries worth five times more: study](#). Phys.org.
- June 19: [“Blue Jobs” Key to Future Fisheries](#). National Geographic.
- June 20: On the Rio+20 conference and Canada’s place in the world environmental movement. CBC Radio – The Early Edition.
- April 16: [Waking up countries to the state of the planet](#). GMA News.
- April 15: Putting a price tag on ocean damage. Radio Canada International – Marc Montgomery.
- April 5: Impacts of climate change on the value from our oceans. CHQR – Dave Rutherford.
- April 3: [How coral bleaching could lead to famine](#). Scientific American.
- April 1: [Human harm to oceans comes with staggering price tag](#). Calgary Herald.
- March 27: Economic and ecological effects of overfishing. German Public Radio.
- March 13: Sustainable fisheries management. CITR ProfTalk.
- March 21: [Fish habitat – why rock the boat?](#) Globe and Mail.
- March 12: Our country is “the unhealthiest”? Singapore News – Union Morning Post.
- March 7: France, ta mamelle écologique fout le camp! Le Point.
- February 22: [Singapore: The World’s “Unhealthiest” Country?](#) Wall Street Journal.
- February 21: [Research identifies six fishing 'danger zones'... where conservation is outweighed by greed and short-term profit](#). Daily Mail.
- February 20: [Vancouver scientists unveil global rankings index measuring economy and ecology](#). Global News BC.
- February 20: The Eco² Index of Nations. CKNW News.
- February 6: [In Mackerel's Plunder, Hints of Epic Fish Collapse](#). New York Times.
- January 31: [Declining fisheries will affect us all soon enough](#). Vancouver Sun.
- January 29: [Prince of Wales launches fight to save overexploited oceans from overfishing](#). The Telegraph.

2011

- November 21: [Climate change hits fisheries economy](#). United Press International.
- November 21: [Warming oceans signal fishery changes, study says](#). CBC News.
- November 21: Impacts of climate change on global fisheries. Radio Canada International.
- September 21: The Sahara beneath the waves. Globe and Mail.
- September 7: [Scientists call for end to deep-sea fishing](#). The Washington Post.
- August 4: [Our tuna have many friends](#). Islands Business.

- June 22: [Plenty of fishes in the sea? Think again.](#) Economy Watch.
- May 1: [Global fish supplies 'will disappear in four decades.'](#) The National.
- February 18: [The End of the Line: How a film changed the way we eat fish.](#) The Ecologist.
- January 19: Response to “Food security implications of global marine catch losses due to overfishing. J. Emmett Duffy on Faculty of 1000.
- January 10: Rashid Sumaila’s response to “The trophic fingerprint of marine fisheries.” Nature.

2010

- November 18: Global fisheries in decline. Science Forum discussion of consumer awareness.
- October 13: [Perikanan Bisa Beri Makan 20 Juta Orang Lagi Jika Dikelola Lebih Baik.](#) Analisa Daily.
- September 26: [过度捕捞的负面影响不可忽视.](#) People.com, China.
- September 22: [Un trabajo del profesor Villasante gana un premio sobre pesca en Japón.](#) La Voz de Galicia S.A.
- September 18: [水産資源の管理向上で、2000万人分の食料調達が可能にカナダ研究.](#) AFP BB News.
- September 17: [Dollars, People and Fish: Billions Riding on Stopping Overfishing.](#) Change.org.
- September 16: [World Is Paying A High Price in Money and Health Because of Overfishing.](#) aboutmyplanet.com.
- September 16: [Fisheries and support sectors generate USD 240 billion worldwide.](#) MercoPress.
- September 16: [全球漁業產值2,400億美元 北美佔總數八分之一.](#) Sina Hong Kong.
- September 16: [The Cost of Overfishing? \\$36 Billion a Year and Counting.](#) TakePart.com.
- September 15: [Fishing “could feed 20 million more”.](#) Agence France-Presse.
- September 15: [Efficient Fisheries Can Feed Poor: study.](#) Montreal Gazette.
- September 15: [Locally-Run Protected Areas Could Reverse Fisheries’ Death Spiral.](#) IPSnews.
- September 15: [Overfishing Hurts Economy, Public Health, and Ocean Ecosystems.](#) Change.org.
- September 15: [Fisheries generate USD 240 billion worldwide.](#) FIS Canada.
- September 14: [Global Fisheries Research Finds Promise and Peril: While Industry Contributes \\$240B Annually, Overfishing Takes Toll on People and Revenue.](#) ScienceDaily.com.
- September 14: [World’s fisheries worth US\\$240 billion when indirect industries included.](#) Winnipeg Free Press.
- September 14: [World Pays High Price for Overfishing Study Says.](#) Reuters, Allan Dowd.
- September 14: [Catch Losses from Overfishing Could Feed Millions.](#) Vancouver Sun blogs, Randy Shore.
- September 14: [Global fisheries research finds promise and peril.](#) ScienceDaily.com.
- September 9: [Pacific sockeye salmon return in record numbers.](#) AFP Newswire, Canada. Terra Daily, Online.
- July 1: [Whale watching tourism a solution for whales and fishers.](#) Powerboat World.
- June 28: [Whale watching worth \\$2 billion annually.](#) The Province, Canada.
- June 26: [Watching whales pays off.](#) The Boston Globe, USA.
- June 26: [Whales smarter than previously thought.](#) The Sydney Morning Herald, Australia.
- June 25: [Whales worth more alive than dead.](#) Aftenposten, Norway.

- June 21: [No one eats whales. Why does anyone kill them?](#) The Big Money.
- May 31: [Can we really put a price tag on nature?](#) The Guardian.
- May 25: [Ecotrust Launches National Panel Series on the Future of Coastal Fisheries.](#) Ecotrust press release.
- May 22: Journée de la biodiversité. Radio Canada Online.
- May 19: [Oceans' fish could vanish in just 40 years time: UN.](#) Times of Taipei, China.
- May 18: [Peștii din oceane ar putea dispărea până în 2050.](#) Romania Libera (Online).
- May 18: [Temen expertos que los peces desaparezcan de los océanos.](#) La Jornada, Mexico.
- May 18: [Plus aucun poisson dans les océans d'ici 40 ans?](#) Le Temps, Switzerland.
- May 18: [UN says 8 bln dollar-investment in greening fisheries could raise catches.](#) People's Daily, China.
- May 18: [World's oceans could be completely depleted of fish in 40 years: UN report.](#) NY Daily News, USA.
- May 17: [Okyanuslarda balık kalmayacak.](#) Objektif Haber, Turkey.
- May 1: [Pacific fisheries seek closer links to consumers.](#) Reuters, UK.
- March 9: [The End of the Line screening in Malta.](#) Charles Clover's Blog.
- March 8: [Is Malta's 'pot of gold' about to run out?](#) Times of Malta, Malta.

2009

- November 30: [Canada looks at soy as source of Omega-3s.](#) CBA.ca.
- November 17: [Domestic farm animals are devouring the world's fish stocks: B.C. study.](#) Vancouver Sun.
- November 2: [Fishing Subsidies.](#) The Economist.
- October 8: [One colossal waste.](#) MacLean's.
- September 30: [\\$100 Bn a year for climate safety.](#) BBC.
- March 16: Quoted by the Canadian Broadcasting Corporation (CBC): "If this high demand for fish continues, given the limited supplies, we are pushing the envelope and that can lead to problems in the near future for us and also for our children and grandchildren." CBC coverage of the paper co-authored by Jenkins, Sievenpiper, Pauly, Sumaila, Kendall, and Mowat is just one of eighty-three news agencies to report on the story.
- March 13: [Woods Institute names 19 Leopold Leadership Fellows.](#) Stanford Report.
- March 9: [Fish fare best at economic extremes.](#) Discovery News.
- February 9: Africa's fisheries least able to adapt to climate change. ClimateWire.
- [Explaining the importance of the ocean to humanity in video.](#) Appeared in a video with several notable celebrities including Leonardo Dicaprio and Prince Charles.
- [United Nations Environment Programme \(UNEP\) discusses the way forward for fishery subsidies](#)
Appeared in a video posted by the United Nations Environment Programme (UNEP) on video sharing site YouTube is an excellent quick introduction to fisheries subsidies and why it is an important issue.
- Appeared two times on CBC News program regarding a co-authored paper on Omega 3 and fisheries conservation.
- National Geographic Strange Days on Planet Earth series [Overfishing Impacts: Interview with Dr. Ussif Rashid Sumaila](#) (video clip).

2008

- December 29: [New ideas for the New Year, 2009](#). The Tyee.
- December 12: [Commission agrees to cut tuna catches in Pacific](#). Associated Press.
- December 10: [10 Solutions to Save the Ocean](#). Conservation Magazine.
- November 28: [Lasst die Alten unten](#). Suddeutsche Zeitung, Germany.
- November 21: Impacts of climate change on global fisheries. Radio Canada International.
- Oct. 23: On how overfishing threatens tuna industry. Radio Australia.
- August 14: [Waves of Disaster](#). The Georgia Straight.
- July 16: Full Price Fuel. 24 Hours News Services.
- July 15: [Fuel subsidies better spent re-training fishers](#). UBC Media Brief.
- July 16: on fishery subsidies. CKNW - Brett Mineer.
- July 15: On the future of global fisheries. CBC Radio - Mark Forsythe.
- July 1: [Lament for lost way of life in Newfoundland 15 years after cod moratorium](#). CBC.
- April 12: [Deep-Sea Trawlers Threaten Marine Life](#). Voice of America News.
- April 3: [We are fishing our oceans to death](#). Globe and Mail, Canada.
- March 19: On Omega-3 story. CKNW Radio.
- March 18: On Omega-3 story. CBC Radio
- March 9: [Oceans at Risk](#). New York Times Editorial.
- March 3: [WTO weighs if EI for fishermen is an unfair subsidy](#). Globe and Mail.
- February 20: [Tuna could see cod-like collapse](#). Regina Leader Post.
- February 20: [World's tuna stocks under seige, say scientists](#). The National Post.
- February 20: [Conservation measures needed to save tuna: experts](#). The Vancouver Sun.
- February 20: [Learning from cod collapse to save tuna](#). Innovations report, Germany.
- February 18: [UBC scientist invokes future generations to save tuna populations from collapse](#). UBC.ca.
- February 5: [5 Ocean Research Breakthroughs on the Horizon](#). The Daily Green.
- February 5: [2008 Pew Fellowship in Marine Conservation awarded to Dr. Ussif Rashid Sumaila](#). University of Miami Rosentiel School of Marine & Atmospheric Science.
- February 5: [UBC professor wins award to study overfishing](#). Vancouver Sun.
- January 28: [A fifth of world's fish landings 'are illegal'](#). Telegraph UK.
- January 21: [Until All the Fish Are Gone](#). New York Times.
- Appeared in documentary film [The End of the Line: Imagine a World Without Fish](#). Directed by Rupert Murray.
- Featured by the Knowledge Network in [The Leading Edge segment "A Subsidized Collapse"](#).
- Appeared in [Overfishing Impacts: Interview with Dr. Ussif Rashid Sumaila](#) (video clip). National Geographic Strange Days on Planet Earth series.

2007

- December 13: [Laying Waste to the Deep Sea](#). Time magazine.
- December: [Multiplicacao dos peixes \(in Portugese\)](#). veja.com.
- November 24: [Coastal project team negotiates its terms of research](#). The Gazette, Memorial University.
- November 1: [Fishing For Trouble Governments subsidize plundering of oceans](#). UBC Reports.
- October 19: [Aquaculture's growth rate actually is declining](#). Intrafish.com.
- September 19: [Fish Farming's Growing Dangers](#). Time Magazine.
- July 18: [Global Fishing Trade Depletes African Waters](#). Wall Street Journal Online.
- July 2: [Fishing for a Secure Future](#). Centrepont: Woodrow Wilson International Centre for Scholars.
- March 22: [US proposes ban on fishing subsidies in global trade talks](#). Bloomberg.com.
- March 13: [Subsidies threaten high seas fisheries](#). The Ubyyssey.
- March 9: Hong Kong Environmental group chooses 4 locations for fishing ban (in Chinese). Ming Pao Daily News.
- March 9: Hong Kong Hong Kong Fisheries recovery could produce HK\$ 10 billion in benefits (in Chinese). Metro.
- March 9: Critical time for saving Hong Kong's fisheries (in Chinese). Hong Kong Commercial Daily.
- March 9: Half of Hong Kong fishers may be willing to switch livelihoods if they receive appropriate compensation (in Chinese). Ta Kung Pao, Hong Kong.
- March 9: Hong Kong Fisheries has negative effect for divers (in Chinese). The Sun.
- March 9: [Hong Kong Fishing curb may net HK\\$2.6b: study](#). South China Morning Post.
- March 8: [Compensation to fishing industry is key to unlocking massive economic benefits to Hong Kong concludes WWF-UBC report](#). WWF Hong Kong.
- March 8: [Conservationists push Hong Kong fishing ban](#). Agence France Presse.
- March 8: [WWF urges Hong Kong to reel in fishing industry](#). Reuters.
- March 5: [Ocean Fisheries Maxed Out](#). International Press Service.
- February 20: [Ban subsidies to save our oceans](#). Independent Online, South Africa.
- February 20: [Fishing subsidies 'destroy oceans' say scientists](#). The Times, UK.
- February 20: [Call to halt fleet subsidies to save deep sea fish](#). The Guardian.
- February 20: [Tragedy of the Ocean Commons](#). National Review Online, USA.
- February 19: [Call for end to subsidies on deep-water trawling](#). Financial Times, UK.
- February 19: Our Opinion: Deep-sea fish are on the line. Santa Barbara Times.
- February 19: Subsidies to high seas bottom trawling fleets - coverage from the American Association for the Advancement of Science (AAAS) Annual Meeting.
- February 19: [Fishing like an economist](#). Science Magazine News Blog.
- February 19: [Call to halt deep sea 'plunder'](#). BBC News.
- February 19: [Scientists call for fuel subsidies ban to protect fish](#). Telegraph.co.uk.
- February 19: [The last wild hunt-Deep sea fisheries scrape bottom of the sea](#). ScienceDaily.
- February 18: [Government subsidies drive deep-sea fish depletion](#). Mongabay.com.
- February 17: [Deep-sea trawling neither green no profitable](#). New Scientist.

- January 23: [MSC goes fishing for public comment on definition of 'sustainable fishing'; "Improving transparency"](#). SeaFoodIntelligence.com.
- January 23: [International marine certification programme invites comment on the definition of sustainable fishing](#). FISHupdate.com.

2006

- December 13: [Senate approves Bill to revamp fisheries](#). Associated Press.
- November 20: [State-subsidized destruction at sea](#). The Gazette newspaper.
- November 17: [Fuel subsidies keep trawlers 'strip-mining' the sea](#). The Vancouver Sun.
- May 1: Broadcast of CBC mini-documentary "On the Island".
- April 2: [Without drastic measures, Gulf of Maine cod fishery will be lost forever](#), by Priscilla Brooks and Rashid Sumaila. Maine Sunday Telegram Maine Voices.

2005

- May 10-16: [Study throws cold water on B.C. sablefish aquaculture](#). Business in Vancouver.
- May 7: [Report casts doubt on B.C cod farming](#). Anchorage Daily News.
- May 5: [Economic report looks at BC sablefish farming; Claims its 'unlikely to boost economy' in province](#). Seafood Intelligence.
- May 5: [Study says farmed sablefish not economically, ecologically viable in B. C.](#) Intrafish.
- May 5: Economists give thumbs down to black cod farming in B.C. Laine Welch of the Fish Radio.

9. SERVICE TO THE UNIVERSITY

(a) Memberships on committees, including offices held and dates

- Liu Scholar Admission Committee – 2016 – present.
- MasterCard Foundation Scholars - Undergraduate Selection Committee, 2014 – present.
- Peter Wall institute Project proposal review Committee, 2015.
- Partnership Grant Review Committee – 2014.
- Dr. William Cheung Promotion Committee Chair, 2013 – 2014.
- Fisheries Centre Head's Strategic Planning Committee, 2013 – 2014.
- Green College Faculty Members, October, 2009 – present.
- Faculty Associate, Institute of Resource & Environmental Studies, 2002 - present.
- College for Interdisciplinary Studies Finance Committee member, 2010 - 2012.
- 2007 UBC College for Interdisciplinary Studies Faculty Merit Award Committee.
- RMES Admission's Committee, 2004 – 2006.
- *Sea Around Us Project* Steering Committee, 2002 – 2003.
- Fisheries Centre Building Committee, 2002 – 2003.

10. SERVICE TO THE COMMUNITY

(a) *Memberships on scholarly societies, including offices held and dates*

- Science Advisory Board (SAB) Member, Pew Charitable Trusts' Global Ocean Legacy (2014 – present).
- Scientific Advisory Panel for PREFACE (Enhancing Prediction of Tropical Atlantic Climate and its Impacts) (2013 – present).
- Scientific Advisor, WWF Canada (2012 – present).
- Coordinating Author, Global Biodiversity Outlook 4 (2011 – 2015).
- Treasurer and Board Member, North American Association of Fisheries Economists (NAAFE) (2007 - present).
- Contributing Author, Global Environmental Outlook 4, 2011.
- Scientific Advisory Committee Member of the 8th Game Theory Practice Meeting, Riverside, California, July 11-12, 2011.
- Affiliate member of the FISHGOVFOOD Thematic Network, The European Commission (5th Framework Program), Centre for Maritime Research, Amsterdam.
- Working Group Affiliate Member, GLOBEC Focus 4: Social impacts from changes in marine ecosystems, Plymouth, UK.
- Lead author, Conditions Working Group of the Millennium Assessment Research Group (<http://www.millenniumassessment.org>), WorldFish Centre, Penang, Malaysia.
- Life Membership of the North American Association of Fisheries Economists award 2005.
- Member of International Institute for Fisheries Economics and Trade (IIFET: 1996 - present).
- Member of the American Economics Association (AEA: 2002 – 2003; 2008 - present).
- Member of the Natural Resource Modeling Association (NRMA: 1999-present).
- Member of the Ocean Management Research Network, Canada (2001 – present).
- Norwegian Development Researchers Association (NUF: 1993-1999, Financial Secretary from 1994 to 1995).
- Member of the Canadian Economics Association (CEA: 1995 - 1996).

(b) *Memberships of scholarly committees, including offices held and dates*

- Executive Committee Member, International Institute of Fisheries Economics and Trade, 2013 – present.
- Chair of the selection committee for Best Student Paper Award of the 2009 North American Association of Fisheries Economists Forum.
- Member Scientific Committee of the 2008 International Institute of Fisheries Economics and Trade (IIFET), July 2008, Vietnam.
- Member MMAS Advisory Committee: NOAA/Conservation International Economic Incentives Research Programme, October 2007 – present.
- Member Scientific Committee of the 2007 North American Association of Fisheries Economists (NAAFE), March 2007, Merida, Mexico.
- Member Scientific and Organizing Committee for the 6th Meeting On Game Theory and Practice Dedicated To Development, Natural Resources And The Environment, Zaragoza, Spain, June/July 2006.
- Member of the Scientific Committee for the year 2000 International Institute for Fisheries Economics and Trade (IIFET) Conference, Corvallis, Oregon, USA.

- Leader of the Scientific Committee for Oceanic Research (SCOR) team on closed areas (1997 - 1999): Team reviewed and extended the current state-of-the-art literature on the use of marine protected areas to mitigate the ecosystem effects of fishing. The work of the group was presented at a conference in Montpellier, France, March, 1999.

(c) *Editorships (list journal and dates)*

- Editorial Board of *Nature's Scientific Reports* (2015 – present).
- Editorial Board of *Marine Policy* (2015 – present).
- Associate Editor, *Environmental and Resource Economics* (2014 – present).
- Editorial Board of *Reviews in Fish Biology and Fisheries* (2014 – present).
- International Editorial Board Member, *Maritime Studies* (MAST) (2012 - present).
- International Editorial Board Member, *Oryx* (2011 - present).
- Editorial Board Member, *Aquaculture Economics & Management* (2012 – present).
- Editorial Board Member, *Fish and Fisheries* (2007 - present).
- Editorial Board Member: *African Journal of Marine Science* (July 2003 – present).
- Editorial Board Member, *Economic Research International Journal* (2010 - 2014).
- Guest editorship of *Journal of Bioeconomics* (2009-2011).
- Guest editorship of *Marine Ecological Progress Series* (2013-2013).
- Guest editorship of *Fish and Fisheries* (2009-2011).
- Associate Editor, *Environment and Development Journal* (2006 – 2008).
- Guest editorship of *Land Economics* (2005-2006).
- Guest editorship of *Marine Resource Economics* (2005-2006).
- Guest editorship: *Natural Resource Modeling* (2002).
- Guest editorship: *Coastal Management* (2002).

(d) *Reviewer (journal, agency, etc. including dates)*

- Global Environmental Change (2016).
- Science (2008, 2014, 2015).
- Nature Climate Change (2014).
- Marine Policy (2014, 2015, 2016).
- Marine Resource Economics (1997-2004, 2009, 2014).
- Australian Journal of Agricultural and Resource Economics (2007, 2012).
- Frontiers in Ecology and the Environment (2011).
- Ecological Letters (2011).
- Canadian Journal of Fisheries and Aquatic Science (2002, 2005, 2011).
- Journal of Environmental Economics and Management (2008, 2010).
- Environment and Development Economics (2004, 2005, 2010).
- Canadian Journal of Agricultural Economics (2010).

- ICES Journal of Marine Science (2001, 2004, 2005, 2006, 2009, 2010).
- Environmental Modeling Assessment (2010).
- Strategic Behavior and the Environment (2009).
- International Journal Fisheries and Aquaculture (2009).
- Fish and Fisheries (2006, 2007, 2008, 2009).
- Progress in Oceanography (2008, 2009).
- North American Journal of Fisheries Management (2002, 2008).
- Environmental Modeling and Assessment (2008).
- Environmental Conservation (2008).
- Journal of Resource and Energy Economics (2007).
- American Journal of Agricultural Economics (2007).
- Resource and Energy Economics (2007).
- Land Economics (2003, 2005, 2006, 2007).
- Journal of Agricultural and Resource Economics (2007).
- Environmental Management (2007).
- Fisheries Research (2005, 2006, 2007).
- Aquatic Living Resources (2007).
- Marine Ecological Progress Series (2006, 2007).
- Ecological Economics (2003, 2005, 2006, 2007).
- Scientia Marina (2006, 2007).
- Proceedings of the Royal Society B (2006).
- Environment and Development (2004, 2005).
- Canadian Journal of Fisheries and Aquatic Science (2002, 2005).
- Natural Resource Modeling (2002 – 2005).
- Maritime Studies (2005).
- Environmental & Resource Economics (1999-2001, 2004).
- Reviews in Fish Biology and Fisheries (2004).
- Resource & Energy Economics (2003).
- Natural Resources Forum (2003).
- Coastal Management (2003).
- Ecological applications (2002, 2003).
- Contemporary Economic Policy (2002).
- Journal of Bioeconomics (2002).
- Natural Science (1998).
- Chapman and Hall Fisheries Book Series (1996).

- International Research Chair Initiative: Reviewer of project proposal (2008).
- Social Sciences and Humanities Research Council of Canada (2006, 2007).
- Review of New Hampshire Sea Grant Project Proposal: Social and Economic Impact Assessment on New Hampshire Fishing Communities of Catch Share Management in the Northeast Multispecies Fishery (2011).
- Grant Proposal Review: International Research Fellowship Program (IRFP) National Science Foundation (2010).
- Grant Proposal Review: CAMEO (Comparative Analysis of Marine Ecosystem Organization) is a new grants initiative implemented jointly by the National Oceanic and Atmospheric Administration and the National Science Foundation (2009)
- Review of Methodology for assessing the sustainability of seafood, Seafood choices Alliance (2007).
- The NOAA Center for Sponsored Coastal Ocean Research (2006).
- Alaska Sea Grant (2004).
- Coast Information Team of B.C. (Review of a project report entitled Economic Gain Spatial Analysis Fisheries, Ocean Ranching, and Aquaculture: 2004).
- National Oceanic and Atmospheric Administration, USA (Review of project proposal: 2004).
- The South African National Research Foundation (Review of project proposal: 2002, 2003).
- Research Council of Norway (Review of project proposal: 2004).

(e) *External examiner (indicate universities and dates)*

- The University of West Indies, Trinidad and Tobago (2010).
- Stellenbosch University, South Africa (PhD) (2005).
- The Norwegian College of Fisheries Science, University of Tromsø, Norway, (Masters) (1997).
- Norwegian School of Economics and Business Administration, Bergen, Norway, (Masters) (1994).

(f) *Consultant (indicate organization and dates)*

- UNEP Green Economic Report: Fisheries Chapter Coordinating author (ongoing).
- The World Bank, Washington, D.C., USA (1994, 2009).
- UN Food and Agricultural organization; Rent Drain Project (2008).
- United Nations Head Office, New York, USA; UN Secretary General's Report on the sustainability of the Oceans (2005).
- The Organization for Economic Cooperation and Development, Paris, France (2004).
- The Food and Agricultural Organization of the United Nations, Rome, Italy (2003-2004, 2008).
- California Environmental Associates and the David and Lucille Packard Foundation, Palo Alto, California, USA (2003).
- The Norwegian Development Aid Agency, Oslo, Norway (1992-1995).

11. AWARDS AND DISTINCTIONS

(a) *Awards for Scholarship (indicate name of award, awarding organizations, date)*

- 2017 Peter Benchley Award - Excellence in Science.
- 2016 – 2018 Hokkaido University Ambassador.
- 2013 American Fisheries Society Excellence in Public Outreach Award Recipient.
- 2013 Peter Wall Institute for Advance Studies International Roundtable Award.
- 2012 2nd Johan Hjort Chair in Marine Economics and Management. Appointed by the Nordic Centre of Excellence (NorMER – University of Oslo).
- 2010 Top 10 most cited articles in the Journal of Environmental Economics and Management, from 2005-2010. Awarded by Elsevier Publishers.
- 2010 Japan International Fisheries Research Society YAMAMOTO PRIZE AWARD, First Prize to: Sebastian Villasante & Rashid Sumaila for their paper: “Estimating the Economic Benefits of Cooperative and Non-cooperative Management of *Illex argentinus* Fishery in the Patagonian Marine Ecosystem”. Awarded by the International Institute of Fisheries economics and Trade.
- 2010 National Geographic Ocean Restoration Advisory Council Member. Awarded by the National Geographic Society.
- 2009 Leopold Leadership Fellow.
- 2008 Pew Marine Conservation Fellow.
- 2007 Peter Wall Senior Early Career Scholar (Associate professor level).
- 2007 Craigdarroch Award for Societal Contribution to project members of Coasts Under Stress project.
- 2007 Nominee for the Conference of University Faculty Associations of British Columbia (CUFA/BC's) Distinguished Academics Awards.
- 2006 Zayed International Price for the Environment awarded to the authors of the “Millennium Ecosystem Assessment” for Scientific and Technological Achievements, Dubai-United Arab Emirates.
- 2005 Lifetime membership in the North American Association of Fisheries Economists.
- 2005 Honorary member of the UBC Food Co-op.
- 2005 W.F. James Professor of Pure and Applied Sciences Chair for 2004, St. Francis Xavier University.
- Visiting professor of Natural Resource Economics and Management, University of Namibia.
- 2002, 2003, 2004 UBC Author.
- 1994-1997 The Norwegian Research Council PhD Fellowship.
- 1991 and 1993 Recipient of the “Meltzers Hogskolefond” award for outstanding students at Norwegian Universities.
- 1982-1986 Best student in B.Sc. degree program.

THE UNIVERSITY OF BRITISH COLUMBIA
Publications Record

SURNAME: Sumaila

FIRST NAME:Ussif Rashid

Initials: URS

MIDDLE NAME(S):

Date: 19/11/12

I select a wide range of journals for the publication of my work. This allows me to reach mainstream economists (by publishing in the Journal of Environmental Economics and Management, Land Economics, Environment and Resource Economics and Marine Resource Economics, etc.); multidisciplinary scholars (by publishing in Science, Nature, Natural Resource Modeling, Canadian Journal of Fisheries and Aquatic Sciences, Ecological Economics, ICES Journal of Marine Science, etc.); policy makers and other stakeholders (by publishing in Marine Policy, Natural Resources Forum, the Journal of Environment and Development, etc.).

Bibliometrics (based on Google Scholar My Citation: January 7, 2017): Total number of citations = 14,256; h-Index = 60; i10-index = 195. Equivalent numbers for the last 5 years are: 8956; 47 and 149, respectively.

I encourage my graduate students to publish their work in the primary literature while in graduate school, and I ensure that they are the first authors if they are the main drivers of the research.

1. JOURNAL PUBLICATIONS (students, research assistants and post docs underlined)

1. Teh, L.S.L., Lam, V.W.Y., Cheung, W.W.L., Miller, D., Teh, L.C.L., and Sumaila, U. R. (in press). Impact of High Seas Closure on Food Security in Low Income Fish Dependent Countries. *PLoS One*.
2. Harper, S., Grubb, C., Stiles, M. and Sumaila, U.R. (in press). Contributions by women to fisheries economies: insights from five maritime countries. *Coastal Management*.
3. Teh, L.S.L., Hotte, N. and Sumaila, U.R. (in press). Having it all: can fisheries buybacks achieve capacity, economic, ecological, and social objectives? *Maritime Studies*.
4. Cheung, W.W.L., Jones, M.C., Lam, V.W.Y., Miller, D.D., Ota, Y., Teh, L. and Sumaila, U.R. (in press). Transform high seas management to build climate resilience in marine seafood supply. *Fish and Fisheries*.
5. Cao, L., Qiu, Y., Ye, Y., Xue, G., Chen, Y., Dong, S., Zhang, W., Hanson, A., Huang, B., Little, D., Leadbitter, D., Pikitch, E., Sadovy, Y., **Sumaila, U.R.**, Williams, M., Zhou, Y., Zhuang, P., Naylor, R.L. (in press). Sustainable Fisheries Management with Chinese Characteristics. *PNAS*.
6. Maldonado, A; Lopes, PFM; Rodríguez, CA; Lasso, CA & **Sumaila, U.R.** (2017). Transboundary fisheries management in the Amazon: assessing current policies for the management of the ornamental silver arawana (*Osteoglossum bicirrhosum*). *Marine Policy* 76, 192-199.
7. Swartz, W., Schiller, L., Sumaila, U.R., Ota, Y. (2017). Searching for market-based sustainability pathways: Challenges and opportunities for seafood certification programs in Japan. *Marine Policy* 76, 185–191.
8. Jaung, W., Putzel, L., Bull, G.Q., Guariguata, M.R. and **Sumaila, U.R.** (2016). Estimating demand for certification of forest ecosystem services: A choice experiment with Forest Stewardship Council certificate holders. *Ecosystem Services* 22, 193-201.
9. Brooks, C.M., Larry B. Crowder¹, Lisa M. Curran, Robert B. Dunbar, David G. Ainley, Klaus J. Dodds, Kristina M. Gjerde, **U. R. Sumaila** (2016). Science-based management in decline in the Southern Ocean. *Science*, 354(6309), 185-187.
10. Cisneros-Montemayor, A. M., W. W. L Cheung, K. Bodtker, L. S. L. Teh, N. Steiner, M. Bailey, C. Hoover, U. R. Sumaila (2016). Towards an integrated database on Canadian ocean resources: benefits, current states, and research gaps. *Canadian Journal of Fisheries and Aquatic Sciences*, 999, 1-10.
11. Teh, L.S.L., A. Witter, W.W.L. Cheung, U.R. Sumaila, X. Yin (2016). What is at stake? Status and

- threats to South China Sea marine fisheries *Ambio* doi:10.1007/s13280-016-0819-0.
12. **Sumaila, U. R.** (2016). Socio-economic benefits of Large Marine Ecosystem valuation: The case of Benguela Large Marine Ecosystem. *Environmental Development*, 17, 244-248.
 13. Bellmann, C., A. Tipping, **U.R. Sumaila** (2016). Global trade in fish and fishery products: An overview. *Marine Policy*, 69, 181-188.
 14. Belhabib, D., Campredon, P., Lazar, N., **Sumaila, U. R.**, Baye, B. C., Kane, E. A., & Pauly, D. (2016). Best for pleasure, not for business: evaluating recreational marine fisheries in West Africa using unconventional sources of data. *Palgrave Communications*, 2.
 15. **Sumaila, U.R.**, C. Bellmann, A. Tipping (2016). Fishing for the future: An overview of challenges and opportunities. *Marine Policy*, 69, 173-180.
 16. Cinner, J. E., Huchery, C., MacNeil, M. A., Graham, N. A., McClanahan, T. R., Maina, J., ... **Sumaila, U. R.** and Allison, E. H. (2016). Bright spots among the world's coral reefs. *Nature*, 535(7612), 416-419.
 17. **Sumaila, U.R.**, V. Lam, F. Le Manach, W. Swartz and D. Pauly (2016). Global fisheries subsidies: an updated estimate. *Marine Policy*, 69, 189-193.
 18. Lam, V.W.L., Cheung, W.W.L. Reygondeau, G., and **Sumaila, U.R.** (2016). Projected change in global fisheries revenues under climate change. *Scientific Reports* 6.
 19. **Sumaila, U.R.**, A. Tipping, C. Bellmann (2016). Oceans, Fisheries and the Trade System. *Marine Policy*, 69, 171-172.
 20. Weatherdon, L. V., Magnan, A. K., Rogers, A. D., **Sumaila, U. R.**, & Cheung, W. W. (2016). Observed and projected impacts of climate change on marine fisheries, aquaculture, coastal tourism, and human health: an update. *Frontiers in Marine Science*, 3, 48.
 21. Cisneros-Montemayor, A. M., Sanjurjo, E., Munro, G. R., Hernández-Trejo, V., and **Sumaila, U. R.** (2016) Strategies and rationale for fishery subsidy reform. *Marine Policy*, 69, 229-236.
 22. Miller, D. D., **Sumaila, U. R.**, Copeland, D., Zeller, D., Soyer, B., Nikaki, T., ... & Pauly, D. (2016). Cutting a lifeline to maritime crime: marine insurance and IUU fishing. *Frontiers in Ecology and the Environment*. doi:10.1002/fee.1293.
 23. Villasante, S., Pita, C., Pierce, G. J., Guimeráns, C. P., Rodrigues, J. G., Antelo, M., ... **Sumaila, U. R.** and Coll, M. (2016). To land or not to land: How do stakeholders perceive the zero discard policy in European small-scale fisheries? *Marine Policy*, 71, 166-174.
 24. Bailey M., Favaro B., Otto S., Charles A., Devillers R., Metaxas A., Tyedmers P., Ban N., Mason T., Hoover C., Duck T.J., Fanning L., Milley C., Cisneros-Montemayor A.M., Pauly D., Cheung W.W., Cullis-Suzuki S., Teh L., and **Sumaila U.R.** (2016). The imperative of realigning ocean policy with ocean science. *Marine Policy*, 63: 53-60.
 25. Villasante, S., Pierce, G. J., Pita, C., Guimeráns, C. P., Rodrigues, J. G., Antelo, M., ... and **Sumaila, U. R.** (2016). Fishers' perceptions about the EU discards policy and its economic impact on small-scale fisheries in Galicia (North West Spain). *Ecological Economics*, 130, 130-138.
 26. Sala, E., Costello, C., J. De Bourbon Parmec, M. Fiorese, G. Heal, K. Kelleher, R.I Moffittg, L. Morgang, J. Plunketh, K. D. Rechbergeri, A. A. Rosenbergj, **U. R. Sumaila** (2016). Fish banks: An economic model to scale marine conservation. *Marine Policy*, 73, 154-161.
 27. Damasio, L. D. M. A., Lopes, P. F. M., Pennino, M. G., Carvalho, A. R., and **Sumaila, U. R.** (2016). Size matters: fishing less and yielding more in smaller-scale fisheries. *ICES Journal of Marine Science: Journal du Conseil*, fsw016.
 28. Haas, A. R., Edwards, D. N., and **Sumaila, U. R.** (2016). Corporate concentration and processor control: Insights from the salmon and herring fisheries in British Columbia. *Marine Policy*, 68, 83-90.
 29. Froese, R., H. Winker, D. Gascuel, **Sumaila, U.R.** and D. Pauly (2015). Minimizing the Impact of

Fishing. *Fish and Fisheries*.

30. **Sumaila, U. R.** and K. I. Stergiou (2015). Economics of marine conservation. *Mar Ecol Prog Ser* 530: 179–182.
31. Gattuso, J.-P., Magnan, A., Billé, R., Cheung, W. W. L., Howes, E. L., Joos, F., Allemand, D., Bopp, L., Cooley, S., Eakin, C.M., Hoegh-Guldberg, O., Kelly, R.P. **Sumaila, U.R.** et al. (2015). Contrasting futures for ocean and society from different CO₂ emissions scenarios. *Science* 349, 6243.
32. Cheung, W.W.L. and **Sumaila, U.R.** (2015). Economic incentives and overfishing: a bioeconomic vulnerability index. *Mar Ecol Prog Ser*, 530, 223–232.
33. Gordon R. Munro and **Sumaila, U. R.** (2015). On the Contributions of Colin Clark to Fisheries Economics. *Environmental and Resource Economics*, 61, 1
34. Teh, L.S.L and **Sumaila, U.R.** (2015). Global analysis of temporal trends in shared fisheries. *Mar Ecol Prog Ser* 530: 243–254.
35. **Sumaila, U.R.**, Hotte, N., Galli, A., Lam, V.W.Y., Cisneros-Montemayor, A.M. and Wackernagel, M. (2015). Eco2: A simple index of economic-ecological deficits. *Mar Ecol Prog Ser* 530: 271–279.
36. Miller, D. D., Tooley, K. and **Sumaila, U.R.** (2015). Large-scale oil spills and flag-use within the global tanker fleet. *Environmental Conservation*, 42, pp 119-126. doi:10.1017/S0376892914000289.
37. Bailey M. and **Sumaila U.R.** (2015) Destructive fishing and fisheries enforcement in eastern Indonesia. *Mar Ecol Prog Ser* 530: 195–211.
38. **Sumaila, U.R.**, V.W.Y. Lam, D.D. Miller, L. Teh, R. A. Watson, D. Zeller, W. W.L. Cheung, I. M. Côté, A.D. Rogers, C. Roberts, E. Sala, D. Pauly (2015). Winners and losers in a world where the high seas is closed to fishing. *Scientific Reports*, 5, 8481
39. Ekeland, I., Karp, L. and **Sumaila, U.R.** (2015). Equilibrium resource management with altruistic overlapping generations. *Journal of Environmental Economics and Management*, 70, 1-16.
40. Belhabib, D., **Sumaila, U.R.**, Lam, V.W., Zeller, D., Le Billon, P., Abou, K.E., Pauly, D. (2015). Euros vs. Yuan: Comparing European and Chinese Fishing Access in West Africa. *PLoS One* 10. DOI: 10.1371/journal.pone.0118351.
41. Díaz, S., Demissew, S., Carabias, J., Joly, C., Lonsdale, M., Ash, N., **Sumaila, U.R.** ... & Driver, A. (2015). The IPBES Conceptual Framework—connecting nature and people. *Current Opinion in Environmental Sustainability*, 14, 1-16.
42. Österblom, Ö Bodin, UR Sumaila, AJ Press (2015). Reducing Illegal Fishing in the Southern Ocean: A Global Effort. *Solutions*, 4 (5), 72-79.
43. Tittensor, D.P., Walpole, M., Hill, S.L.L., **Sumaila U.R.**, Teh, L.S.L et al. (2014). A mid-term analysis of progress toward international biodiversity targets. *Science* 346(6206), 241-244.
44. Marques, A., Pereira, H.M., Krug, C., Leadley, P.W., **Sumaila, U. R.**, Teh, L.S.L et al. (2014). A framework to identify enabling and urgent actions for the 2020 Aichi Targets. *Basic and Applied Ecology*.
45. Brooks, C. M., Weller, J.B., Gjerde, K., **Sumaila, U. R.**, Ardron, J., Ban, N. C., Freestone, D., Seto, K., Unger, S., Costa, D. P., Fisher, K., Crowder, L., Halpin, P. and Boustany A. (2014). Challenging the ‘Right to Fish’ in a Fast-Changing Ocean. *Stanford Journal of Law, Science and Policy*, 33, 289-457.
46. Tallis, H., **Sumaila, U.R.** and many others (2014). Working together: A call for inclusive conservation. *Nature*, 515, 27-28.
47. Lam, V. W., Cheung, W. W., and **Sumaila, U. R.** (2014). Marine capture fisheries in the Arctic: winners or losers under climate change and ocean acidification? *Fish and Fisheries*.
48. **Sumaila, U. R.**, and Bawumia, M. (2014). Fisheries, ecosystem justice and piracy: A case study of Somalia. *Fisheries Research*, 157, 154-163.
49. Miller, D. D., Hotte, N. and **Sumaila, U.R.** (2014). Mandating responsible flagging practices as a

- strategy for reducing the risk of coastal oil spills. *Marine Pollution Bulletin*, 81, 24–26.
50. Pelletier, N., André, J., Charef, A., Damalas, D., Green, G., Parker, R., **Sumaila, U.R.**, Thomas, G., Tobin, R. and Watson, R. (2014). Energy prices and seafood security. *Global Environ. Change*, 24, 30-41, <http://dx.doi.org/10.1016/j.gloenvcha.2013.11.014>.
 51. Nunoo, F. K. E., Asiedu, B., Amador, K., Belhabib, D., Lam, V., **Sumaila, U. R.**, and Pauly, D. (2014). Marine Fisheries Catches in Ghana: Historic Reconstruction for 1950 to 2010 and Current Economic Impacts. *Reviews in Fisheries Science & Aquaculture*, 22(4), 274-283.
 52. **Sumaila, U.R.**, Dyck, A., and Baske, A. (2014). Subsidies to tuna fisheries in the Western Pacific Ocean. *Marine Policy* 43: 288-294.
 53. Leadley, P., Proença, V., Fernández-Manjarrés, J., Pereira, H. M., Alkemade, R., Biggs, R., **Sumaila U.R.** ... & Walpole, M. (2014). Interacting regional-scale regime shifts for biodiversity and ecosystem services. *BioScience*, bio093.
 54. Pikitch, E.K., Rountos, K.J., Essington, T.E., Santora, C., Pauly, D., Watson, R., **Sumaila, U.R.**, Boersma, P.D., Boyd, I., Conover, D.O., Cury, P., Heppell, S.S., Houde, E.D., Mangel, M., Plagányi, É., Sainsbury, K., Steneck, R.S., Geers, T.M., Gownaris, N., Munch, S.B. (2014). The global contribution of forage fish to marine fisheries and ecosystems. *Fish and Fisheries*, 15 (1), 43-64.
 55. **Teh, L.S.L.**, Teh, L.C.L., and **Sumaila, U.R.** (2014). Time preference of small-scale fishers in open access and traditionally managed reef fisheries. *Marine Policy* 44: 222-231.
 56. **Miller, D.D.**, and **Sumaila, U.R.** (2014). Flag use behavior and IUU activity within the international fishing fleet: Refining definitions and identifying areas of concern. *Marine Policy* 44:204-211.
 57. Rotjan, R., R. Jamieson, B. Carr, L. Kaufman, S. Mangubhai, D. Obura, R. Pierce, B. Rimon, B. Ris, S. Sandin, P. Shelley, **U.R. Sumaila**, S. Taei, H. Tausig, T. Teroroko, S. Thorrold, B. Wikgren, T. Toatu, G. Stone Establishment, management, and maintenance of the phoenix islands protected area. *Advances in Marine Biology* 69, 289 – 324.
 58. Kleisner, K.M., Longo, C., Coll, M., Halpern, B.S., Hardy, D., Katona, S.KL., Le Manach, F., Pauly, D., Rosenberg, A., Samhoury, J.F., Scarborough, C., **Sumaila, U.R.**, Watson, R., and Zeller, D. (2013). Exploring patterns of seafood provision revealed in the global Ocean Health Index. *Ambio* 42(8): 910-922.
 59. **Cisneros-Montemayor, A.M.**, Kirkwood, F.G., **Harper, S.**, Zeller, D., and **Sumaila U.R.** (2013). Economic use value of the Belize marine ecosystem: Potential risks and benefits from offshore oil exploration. *Natural Resources Forum* 37(4): 221-230.
 60. **Bailey, M.**, **Ishimura, G.**, Paisley, R., and **Sumaila, U.R.** (2013). Moving beyond catch in allocation approaches for internationally shared fish stocks. *Marine Policy* 40: 124-136.
 61. Gagern, A., van den Bergh, J., and **Sumaila, U.R.** (2013). Trade-Based Estimation of Bluefin Tuna Catches in the Eastern Atlantic and Mediterranean, 2005–2011. *PLOS ONE* 8(6): e69959.
 62. **Teh, L.S.L.**, **Teh, L.C.L.**, and **Sumaila, U.R.** (2013). A global estimate of the number of coral reef fishers. *PLOS ONE* 8(6), e65397.
 63. Miller, K.A., Munro, G.R., **Sumaila, U.R.**, and Cheung, W.W.L. (2013). Governing Marine Fisheries in a Changing Climate: A Game-Theoretic Perspective. *Canadian Journal of Agricultural Economics* 61(2): 309-334.
 64. **Sumaila, U.R.**, **Dyck, A.** and Cheung, W. W. L. (2013). Fisheries subsidies and potential catch loss in SIDS Exclusive Economic Zones: Food security implications. *Environment and Development Economics* 18(4): 427-439.
 65. **Hotte, N.**, and **Sumaila, U.R.** (2013). How much could a tanker spill cost British Columbians? *Environment, Development, and Sustainability*. DOI 10.1007/s10668-013-9468-7.
 66. Tsikliras, C.A., **Sumaila, U.R.**, and Stergiou, K.I. (2013). Parallels in economic and ecosystem crises. *Ethics in Science and Environmental Politics* 13, 23-25.

67. Cisneros-Montemayor, A.M., Barnes-Mauthe, M., Al-Abdulrazzak, D., Navarro-Holm, E., and **Sumaila, U.R.** (2013). Global economic value of shark ecotourism: implications for conservation. *Oryx* 1-8.
68. Varkey, D., Pitcher, T.J., McAllister, M., and **Sumaila, U.R.** (2013). Bayesian influence diagram modeling of multiple stakeholders for reef ecosystem restoration in the Coral Triangle. *Conservation Biology*. DOI: 10.1111/cobi.12036.
69. Pauly, D., Belhabib, D., Blomeyer, R., Cheung, W.W.L., Cisneros-Montemayor, A.M., Copeland, D., Harper, S., Lam, V.W.Y., Mai, Y., Le Manach, F., Osterblom, H., Mok, K.M., van der Meer, L., Sanz, A., Shon, S., **Sumaila, U.R.**, Swartz, W., Watson, R., Zhai, Y., and Zeller, D. (2013). China's distant-water fisheries in the 21st century. *Fish and Fisheries*. DOI: 10.1111/faf.12032.
70. Sala, E., Costello, C., Dougherty, D., Heal, G., Kelleher, K., Murray, J. H., Rosenberg, A. A., and **Sumaila, U. R.** (2013). A General Business Model for Marine Reserves. *PLoS ONE* 8(4): e58799. doi:10.1371/journal.pone.0058799.
71. Hoover, C., Bailey, M., Higdon, J., Ferguson, S., and **Sumaila, U.R.** (2013). Estimating the value of narwhal and beluga hunts in Hudson Bay, Nunavut. *Arctic*, 66 (1), 1 – 16.
72. Ishimura, G., Herrick, S., **Sumaila, U.R.** (2013). Stability of cooperative management of the Pacific sardine fishery under climate variability. *Marine Policy* 39, 333-340.
73. Bailey, M., **Sumaila, U.R.**, and Martell, S.J.D. (2013). Can cooperative management of tuna in the western Pacific solve the growth overfishing problem? *Strategic Behavior and the Environment* 3(1-2), 31-66.
74. Harper, S., Zeller, D., Hauzer, M., Pauly, D., and **Sumaila, U.R.** (2013). Women and fisheries: Contribution to food security and local economies. *Marine Policy*, 39, 56-63.
75. **Sumaila, U.R.** (2013). How to make progress in disciplining overfishing subsidies. *ICES Journal of Marine Science: Journal du Conseil*, 70 (2), 251-258.
76. Bailey, M., Ishimura, G., Paisley, R., **Sumaila, U.R.** (2013). Moving beyond catch in allocation approaches for internationally shared fish stocks. *Marine Policy*, 40, 124-136.
77. Teh, L.S.L., Teh, L.C.L., **Sumaila, U.R.**, and Cheung, W.W.L. (2013). Time Discounting and the Overexploitation of Coral Reefs. *Environmental and Resource Economics*, 61, 91-114.
78. Srinivasan, U.T., Cheung, W.W.L., Watson, R.A., and **Sumaila, U.R.** (2013). Response to removing biases in forecasts of fishery status. *Journal of Bioeconomics*, 16, 221-222.
79. Asiedu, B., Nunoo, F.K.E., Ofori-Danson, P.K., Sarpong, D.B., and **Sumaila, U.R.** (2013). Poverty Measurements in Small-scale Fisheries of Ghana: A Step towards Poverty Eradication. *Current Research Journal of Social Sciences*, 5(3): 75-90.
80. Hawkshaw, R.S., Hawkshaw, S., and **Sumaila, U.R.** (2012). The tragedy of the 'tragedy of the commons': Why coining too good a phrase can be dangerous. *Sustainability*, 4(11): 3141-3150.
81. Swartz, W., **Sumaila, U.R.**, and Watson, R. (2012). Global Ex-Vessel Fish Price Database revisited: a new approach for estimating 'missing' prices. *Environmental and Resource Economics*, DOI: 10.1007/s10640-012-9611-1.
82. Ishimura, G., Herrick, S. and **Sumaila, U.R.** (2012). Fishing games under climate variability: transboundary management of Pacific sardine in the California Current System. *Environmental Economics and Policy*, DOI: 10.1007/s10018-012-0048-0.
83. Halpern, B.S., Longo, C., Hardy, D., McLeod, K.L., Samhuri, J.F., Katona, S.K., Kleisner, K., Lester, S.E., O'Leary, J., Ranelletti, M., Rosenberg, A.A., Scarborough, C., Selig, E.R., Best, B.D., Brumbaugh, D.R., Chapin, F.S., Crowder, L.B., Daly, K.L., Doney, S.C., Elfes, C., Fogarty, M.J., Gaines, S.D., Jacobsen, K.I., Karrer, L.B., Leslie, H.M., Neeley, E., Pauly, D., Polasky, S., Ris, B., St. Martin, K., Stone, G.S., **Sumaila, U.R.**, and Zeller, D. (2012). An index to assess the health and benefits of the global ocean. *Nature*, 488, 615-620.
84. **Sumaila, U.R.**, Cheung, W.W.L., Dyck, A., Gueye, K., Huang, L., Lam, V.W.Y., Pauly, D., Srinivasan,

- T., Swartz, W., Pauly, D., and Zeller, D. (2012). Benefits of rebuilding global marine fisheries outweigh costs. *PLoS ONE* 7(7), e40542, DOI: 10.1371/journal.pone.0040542.
85. Le Manach, F., Andriamahefazafy, M., Harper, S., Harris, A., Hosch, G., Lange, G.-M., Zeller, D., and **Sumaila, U.R.** (2012). Who gets what? Developing a more equitable framework for EU fishing agreements. *Marine Policy*, DOI: 10.1016/j.marpol.2012.06.001/.
 86. Watson, R.A., Cheung, W.W.L., Anticamara, J.A., **Sumaila, U.R.**, Zeller, D., and Pauly, D. (2012) Global marine yield halved as fishing intensity redoubles. *Fish and Fisheries*, DOI: 10.1111/j.1467-2979.2012.00483.x.
 87. Asamoah, E.K., Nunoo, F.K.E., Osei-Asare, Y.B., and **Sumaila, U.R.** (2012). A production function analysis of pond aquaculture in Southern Ghana. *Aquaculture Economics & Management* 16(3), 183-201.
 88. Bailey, M., Flores, J., Pokajam, S. and **Sumaila, U.R.** (2012). Towards better management of Coral Triangle tuna. *Ocean & Coastal Management* 63, 30-42.
 89. Cisneros-Montemayor, A.M., Christensen, V., Arreguín-Sánchez, F., and **Sumaila, U.R.** (2012). Ecosystem models for management advice: An analysis of recreational and commercial fisheries policies in Baja California Sur, Mexico. *Ecological Modelling* 228, 8-16.
 90. Harper, S., Bevacqua, D., Chudnow, R., Giorgi, S., Guillonneau, V., Le Manach, F., Sutor, T., and **Sumaila, U.R.** (2012). Fuelling the fisheries subsidy debate: agreements, loopholes and implications. *Fisheries Research*, 113, 143-146.
 91. Lam, V.W.Y., Cheung, W.L., Swartz, W. and **Sumaila, U.R.** (2012). Climate change impacts on fisheries in West Africa: implications for economic, food and nutritional security. *African Journal of Marine Science* 34, 103-117.
 92. Norse, E., Brooke, S., Cheung, W., Clark, M.R., Ekeland, I., Froese, R., Gjerde, K.M., Haedrich, R.L., Heppell, S.S., Morato, T., Morgan, L.E., Pauly, D., **Sumaila, U.R.**, and Watson, R. (2012). Sustainability of deep sea fisheries. *Marine Policy*, 36, 307-320.
 93. Perry, I.R., Ommer, R.E., Barange, M., Jentoft, S., Neis, B., **Sumaila, U.R.** (2012). Marine social-ecological responses to environmental change and the impacts of globalization. *Fish and Fisheries* 12(4), 427-450.
 94. **Sumaila, U.R.** (2012). Seas, Oceans and Fisheries: A Challenge for Good Governance. *The Round Table: The Commonwealth Journal of International Affairs* 101(2), 157-166.
 95. **Sumaila, U.R.** (2012). Overfishing: Call to split fisheries at home and abroad. *Nature* 481, DOI:10.1038/481265c.
 96. **Sumaila, U.R.** and Huang, L. (2012). Managing Bluefin Tuna in the Mediterranean Sea. *Marine Policy*, 36, 502-511.
 97. Srinivasan, T., Watson, R., **Sumaila, U.R.** (2012). Global Fisheries Losses at the Exclusive Economic Zone Level, 1950 to Present. *Marine Policy*, 36, 544-549.
 98. **Sumaila, U.R.**, Cisneros-Montemayor, A.M., Dyck, A., Huang, L., Cheung, W., Jacquet, J., Kleisner, K., Lam, V., McCrea-Strub, A., Swartz, W., Watson, R., Zeller, D. & Pauly, D. (2012). Impact of the Deepwater Horizon well blowout on the Economics of U.S. Gulf fisheries. *Canadian Journal of Fisheries and Aquatic Sciences*, 69, 499-510, DOI: 10.1139/f2011-171.
 99. Collette, B.B., **Sumaila, U.R.**, and others (2011). High Value and Long Life—Double Jeopardy for Tunas and Billfishes. *Science*, 333, 291-292.
 100. Fulai, S., Flomenhoft, G., Downs, T.J., Grande-Ortiz, M., Graef, D., Scholtens, B., Mol, A.P.J., Sonnenfeld, D.A., Spaargaren, G. Editors, Goel, R.K., Hsieh, E.W.T., Scricciu, S., Steurer, R., Polzin, C., Kostka, G., Ancev, T., Pirgmaier, E., Boons, F., Robèrt, K.-H., Bryant, C., Zhou, K., Acharya, S.R., Huberman, D., Sonwa, D.J., Mycoo, M., Guan, D., Hubacek, K., **Sumaila, U.R.**, Lopez-Ruiz, H.G., Jolley, G.J., Dougherty, M.L., Pilon, A.F., Prakash, R., Tambunan, T., and Hermann, S. (2011). Is the concept of a green economy a useful way of framing policy discussions and policymaking to promote

- sustainable development? *Natural Resources Forum*, 35(1), 63-72.
101. Heymans, J. J., Mackinson, S., **Sumaila, U.R.**, Dyck, A., and Little, A. (2011). The impact of subsidies on the ecological sustainability and future profits from North Sea fisheries. *PLoS One*, 6(5): e20239, DOI:10.1371/journal.pone.0020239.
 102. Lam, V.W.L., **Sumaila, U.R.**, Dyck, A., Pauly, D., and Watson, R. (2011). Construction and potential applications of a global cost of fishing database. *ICES Journal of Marine Science*, 68(9), 1-9.
 103. Liu, Y., **Sumaila, U.R.**, and Volpe, J.P. (2011). Potential Ecological and Economic Impacts of Sea Lice from Farmed Salmon on Wild Salmon Fisheries. *Ecological Economics*, 70(10), 1746-1755.
 104. McCrea-Strub, A., Kleisner, K., **Sumaila, U.R.**, Swartz, W., Watson, R., Zeller, D. and Pauly, D. (2011). Potential Impact of the Deepwater Horizon Oil Spill on Commercial Fisheries in the Gulf of Mexico. *Fisheries*, 32, 332-336.
 105. McCrea-Strub, A., Zeller, D., **Sumaila, U.R.**, Nelson, J., Balmford, A., and Pauly, D. (2011). Understanding the cost of establishing marine protected areas. *Marine Policy*, 35(1), 1-9, DOI: 10.1016/j.marpol.2010.07.001.
 106. Österblom, H. and **Sumaila, U.R.** (2011). Toothfish crises, actor diversity and the emergence of compliance mechanisms in the Southern Ocean. *Global Environmental Change*, 21, 972-982.
 107. **Sumaila, U.R.**, Cheung, W.W.L., Lam, V.W.Y., Pauly, D., Herrick S (2011). Climate change impacts on the biophysics and economics of world fisheries. *Nature Climate Change*, 449-456, DOI:10.1038/nclimate1301.
 108. Teh, L. and **Sumaila, U.R.** (2011). Contribution of marine fisheries to worldwide employment. *Fish and Fisheries*, DOI: 10.1111/j.1467-2979.2011.00450.x.
 109. Teh, L.S.L., Teh, L.C.L, and **Sumaila, U.R.** (2011). Quantifying the overlooked socio-economic contribution of small-scale fisheries in Sabah, Malaysia. *Fisheries Research*, 110(3), 450-458.
 110. Teh, L.S.L., Teh, L.C.L, and **Sumaila, U.R.** (2011). Low Discounting Behaviour among Small-Scale Fishers in Fiji and Sabah, Malaysia. *Sustainability*, 3, 897-913.
 111. Pereira, H.M., Leadley, P.W., Proença, V., Alkemade, R., Scharlemann, J.P.W., Fernandez-Manjarrés, J.F., Araújo, M.B., Balvanera, P., Biggs, R., Cheung, W.W.L., Chini, L., Cooper, H.D., Gilman, E.L., Guénette, S., Hurtt, G.C., Huntington, H.P., Mace, G.M., Oberdorff, T., Revenga, C., Rodrigues, P., Scholes, R.J., **Sumaila, U.R.**, and Walpole, M. (2010). Scenarios for Global Biodiversity in the 21st Century. *Science*, 330, 1496-1501, DOI:10.1126/science.1196624.
 112. Gasalla, M.A., Rodrigues, A.R., Duarte, L.F.A. and **Sumaila, U.R.** (2010). A comparative multi-fleet analysis of socio-economic indicators for fishery management in SE Brazil. *Progress in Oceanography*, 87, 304-319.
 113. **Sumaila, U.R.** and Hannesson, R. (2010). Maximum economic yield in crisis? *Fish and Fisheries*, 11(4): 461-465.
 114. Falcão, M. P., **Sumaila, U.R.**, and Geldenhuys, C.J. (2010). Policy impact on resource use and conservation in Miombo woodland, Pindanganga, Mozambique. *Journal of Horticulture and Forestry*, 2(8) 180-189.
 115. Cisneros-Montemayor, A.M. and **Sumaila, U.R.** (2010). A Global Valuation of Ecosystem-Based Marine Recreation. *Journal of Bioeconomics*, 12:245-268, DOI 10.1007/s10818-010-9092-7.
 116. Cisneros-Montemayor, A.M., **Sumaila, U.R.**, Kaschner, K., and Pauly, D. (2010). The global potential for whale watching. *Marine Policy*, 34(6), 1273-1278.
 117. Liu, Y. and **Sumaila, U.R.** Estimating Pollution Abatement Costs of Salmon Aquaculture: A Joint Production Approach (2010) *Land Economics*, 86, 569 - 584.
 118. Österblom, H., **Sumaila, U.R.**, Örjan Bodin, Jonas Hentati Sundberg and Anthony J. Press (2010). Adapting to regional enforcement: fishing down the governance index. *PLoS One*, 5(9): e12832,

DOI:10.1371/journal.pone.0012832.

119. Perry, I.R., Ommer, R.E., Barange, M., Jentoft, S., Neis, B., and **Sumaila, U.R.** (2011). Marine social-ecological responses to environmental change and the impacts of globalization. *Fish and Fisheries*, DOI: 10.1111/j.1467-2979.2010.00402.x.
120. **Sumaila, U.R.**, Khan, A., Dyck, A., Watson, R., Munro, G., Tyedmers, P., and Pauly, D. (2010). A bottom up re-estimation of global fisheries subsidies. *Journal of Bioeconomics*, 12:201–225, DOI 10.1007/s10818-010-9091-8.
121. **Sumaila, U.R.** (2010). A cautionary note on individual transferable quotas. *Ecology and Society*, 15(3), 36.
122. Srinivasan, U., Cheung, W., Watson, R., and **Sumaila, U.R.** (2010). Food security implications of global marine catch losses due to overfishing. *Journal of Bioeconomics*, 12:183–200, DOI 10.1007/s10818-010-9090-9.
123. Swartz, W., **Sumaila, U.R.**, Watson, R., and Pauly, D. (2010). Sourcing seafood for the three major markets: the EU, Japan and the USA, *Marine Policy*, 34(6), 1366-1373.
124. **Sumaila, U.R.**, Arnason, R., and Lange, G.-M. (2010). Toward a Global Fisheries Economics. *Journal of Bioeconomics*, 12:179–182, DOI 10.1007/s10818-010-9089-2.
125. Dyck, A.J. and **Sumaila, U.R.** (2010) Economic impact of ocean fish populations in the global fishery. *Journal of Bioeconomics*, 12:227–243, DOI 10.1007/s10818-010-9088-3.
126. Hunsicker, M.E., Essington, T.E., Watson, R., and **Sumaila, U.R.** (2010). The contribution of cephalopods to global marine fisheries (in press) *Fish and Fisheries*, DOI: 10.1111/j.1467-2979.2010.00369.x.
127. Heymans, J.J., **Sumaila, U.R.**, and Christensen, V. (2010). Policy options for the northern Benguela ecosystem using a multi-species, multi-fleet model. *Progress in Oceanography*, 83: 417-425, DOI: [10.1016/j.pocean.2009.07.013](https://doi.org/10.1016/j.pocean.2009.07.013).
128. Tissot, B.N., Best, B.A., Borneman, E.H., Bruckner, A.W., Cooper, C.H., D'Agnes, H., Fitzgerald, T.P., Leland, A., Lieberman, S., Amos, A.M., **Sumaila, U.R.**, Telecky, T.M., McGilvray, F., Plankis, B.J., Rhyne, A.L., Roberts, G.G., Starkhouse, B., and Stevenson, T.C. (2010). How U.S. ocean policy and market power can reform the coral reef wildlife trade. *Marine Policy*, 34(6), 1385-1388.
129. **Sumaila, U.R.** and Domínguez-Torreiro, M. (2010). Discount Factors and the Performance of Alternative Fisheries Management Systems. *Fish and Fisheries*, 11, 278–287.
130. Clark, C.W., Munro, G.R., and **Sumaila, U.R.** (2010). Limits to the Privatization of Fishery Resources: Reply. *Land Economics* 86(3): 614-618.
131. Villasante, S. and **Sumaila, U.R.** (2010). Estimating the effects of technological efficiency on the European fishing fleet. *Marine Policy*, 34(3), 720-722.
132. Clark, C.W., Munro, G., and **Sumaila, U.R.** (2010). Limits to the privatization of fishery resources. *Land Economics*, 86(2), 209-218.
133. Bailey, M., **Sumaila, U.R.**, and Lindroos, M. (2010). Application of game theory to fisheries over three decades. *Fisheries Research*, 02: 1-8.
134. **Sumaila, U.R.**, Khan, A., Teh, L., Watson, R., Tyedmers, P., and Pauly, D. (2010). Subsidies to high seas bottom trawl fleet and the sustainability of deep sea benthic fish stocks. *Marine Policy*, 34(3), 495-497.
135. Varkey, D.A., Ainsworth, C.H., Pitcher, T.J., Goram, J., and **Sumaila, U. R.** (2010) Illegal, Unreported and Unregulated Fisheries Catch in Raja Ampat Regency, Eastern Indonesia. *Marine Policy*, 2, 228-236.
136. Wielgus, J., Zeller, D., Caicedo-Herrera, D., and **Sumaila, U.R.** (2010). Estimation of fisheries removals and primary economic impact of the small-scale and industrial marine fisheries in Colombia.

- Marine Policy*, 34(3), 506-513.
137. Mora, M., Myers, R., Coll, M., Libralato, S., Pitcher, T., **Sumaila, U.R.**, Zeller, D., Watson, R., Gaston, K., and Worm, B. (2009). Management effectiveness of the world's marine fisheries. *PLoS Biology*, 7: 1-11.
 138. Marsden, D., Martell, S., and **Sumaila, U.R.** (2009). Retrospective bioeconomic analysis of Fraser River sockeye salmon fishery management. *Fisheries Research*, 1-2, 32-41.
 139. Teh, L.C.L., Teh, L.S.L., Starkhouse, B. and **Sumaila, U.R.** (2009). An overview of socio-economic and ecological perspectives of Fiji's inshore reef fisheries. *Marine Policy*, 5, 807-817.
 140. Sharp, R. and **Sumaila, U.R.** (2009). Quantification of U.S. Marine Fisheries Subsidies. *North American Journal of Fisheries Management*, 29, 18-32.
 141. Jenkins, D.J.A., Sievenpiper, J.L., Pauly, D., **Sumaila, U.R.**, Kendall, C.W.C. and Mowat, F.M. (2009). Are dietary recommendations for the use of fish oils sustainable?. *Canadian Medical Association Journal*, 180(6), 633-637.
 142. Jacquet, J., Hoocevar, J., Lai, S., Majluf, P., Pelletier, N., Pitcher, T., Sala, E., **Sumaila, U.R.**, and Pauly, D. (2009). Conserving Wild Fish in a Sea of Market-Based Efforts. *Oryx*, DOI:10.1017/S0030605309990470.
 143. Christensen, V., Walters, C.J., Ahrens, R., Alder, J., Buszowski, J., Christensen, L.B., Cheung, W.W.L., Dunne, J., Froese, R., Karpouzi, V., Kastner, K., Kearney, K., Lai, S., Lam, V., Palomares, M.L.D., Peters-Mason, A., Piroddi, C., Sarmiento, J.L., Steenbeek, J., **Sumaila, U. R.**, Watson, R., Zeller, D., and Pauly, D., (2009). Database-driven models of the world's large marine ecosystems. *Ecological Modelling*, 300, 1984-1996.
 144. Martell, S., Walters, C.W., and **Sumaila U.R.** (2009). Industry-funded fishing licence reduction good for profits and conservation. *Fish and Fisheries*, 10, 1-12.
 145. Nunoo, F. K. E., Boateng, J.O., Ahulu, A.M., Agyekum, K.A., and **Sumaila, U.R.** (2009). When trash fish is treasure: The case of Ghana in West Africa. *Fisheries Research*, 96, 167-172.
 146. **Sumaila, U.R.** (2009). Towards a New Governance of High Seas Biodiversity: An introduction. *Océanis*, 53, 67-69.
 147. **Sumaila, U.R.**, Adinar, A., and Albiac, J. (2008). Game theoretic applications to environmental and natural resource problems. *Environment and Development Economics*, 14, 1-5.
 148. Cheung, W.W.L. and **Sumaila, U.R.** (2008). Trade-offs between conservation and socio-economic objectives in managing a tropical marine ecosystem. *Ecological Economics* 66: 193-210, DOI: [10.1016/j.ecolecon.2007.09.001](https://doi.org/10.1016/j.ecolecon.2007.09.001).
 149. **Sumaila, U.R.**, Teh, L., Watson, R., Tyedmers, P., and Pauly, D. (2008). Fuel Price Increase, Subsidies, Overcapacity and Resource Sustainability. *ICES Journal of Marine Science*, ICES J. Mar. Sci., 65(6), 832-840.
 150. Liu, Y. and **Sumaila, U.R.** (2008). Can farmed salmon production keep growing? *Marine Policy*, 32, 497-501.
 151. Teh, L., Cheung, W.W.L., Cornish, A., Chu, C., and **Sumaila, U.R.** (2008). A Survey of Alternative Livelihood Options for Hong Kong's Fishers. *International Journal of Social Economics*, 35(5), 380-395.
 152. Bailey, M., Rotinsulu, C., and **Sumaila, U.R.** (2008). The Migrant Anchovy Fishery in Kabui Bay, Raja Ampat, Indonesia: Catch, Profitability, and Income Distribution. *Marine Policy*, 32, 483-488.
 153. Liu, Y. and **Sumaila, U.R.** (2007). Economic analysis of netcage versus sea-bag production Systems for salmon aquaculture in British Columbia. *Aquaculture Economics and Management.*, 11, 413-437.
 154. **Sumaila, U.R.**, Zeller, D., Watson, R., Alder, J., and Pauly, D. (2007). Potential costs and benefits of marine reserves in the high seas. *Marine Ecology Progress Series*, 345, 305-310.

155. **Sumaila, U.R.**, and Pauly, D. (2007). All fishing nations must unite to end subsidies. *Nature* (correspondence), 450, 945.
156. **Sumaila, U.R.**, Khan, A., Watson, R., Munro, G., Zeller, D., Baron, N., and Pauly, D. (2007). The World Trade Organization and global fisheries sustainability. *Fisheries Research*, 88, 1-4.
157. Teh, L., Zeller, D., Cabanban, A.S., and **Sumaila, U.R.** (2007). Seasonality and Historic Trends in the Reef Fisheries of Pulau Banggi, Sabah, Malaysia. *Coral Reefs*, 26, 251-263.
158. Teh, L. and **Sumaila, U.R.** (2007). Malthusian Overfishing in Pulau Banggi? *Marine Policy*, 31, 451-457.
159. **Sumaila, U.R.**, Marsden, D., Watson, R., and Pauly, D. (2007). Global ex-vessel fish price database: construction and applications *Journal of Bioeconomics*, 9, 39-51.
160. Clark, C.M., Munro, G., and **Sumaila, U.R.** (2007). Buyback, subsidies, the time consistency problem and the ITQ alternative. *Land Economics*, 83(1), 50-58.
161. Abdallah, P.R. and **Sumaila, U.R.** (2007). A historical account of Brazilian policy on fisheries subsidies. *Marine Policy* 31, 444-450.
162. **Sumaila, U.R.**, Munro, G., and Sutinen, J. (2007). Recent developments in fisheries economics: An introduction. *Land Economics*, 83 (1), 1-5.
163. **Sumaila, U.R.** and Walters, C. (2007). Making future generations count: Comment on "Remembering the future". *Ecological Economics* 60(3), 487-488.
164. **Sumaila, U.R.**, Volpe, J., and Liu, Y. (2007). Potential economic benefits from sablefish farming in British Columbia. *Marine Policy*, 31(2), 81-84.
165. Falcão M. P., **Sumaila, U. R.**, Grundy, I. M., and Geldenhuys, C. J. (2007). The impact of policy on resource use in mozambique: A case study of Savane. *Silva Lusitana Journal*, 15(1), 89-102.
166. Perry, R.I. and **Sumaila, U.R.**, (2007). Marine ecosystem variability and human community responses: the example of Ghana, West Africa. *Marine Policy*, 31(2), 125-134.
167. **Sumaila, U.R.**, Charles, T., and Sylvia, G. (2006). Topical Problems in Fisheries Economics: An Introduction. *Marine Resource Economics*, 21(4), 337-40.
168. **Sumaila, U.R.** and Armstrong, C.W. (2006). Distributional and efficiency effects of marine protected areas: A study of the Northeast Atlantic cod fishery. *Land Economics*, 82 (3), 321-332.
169. Berman, M. and **Sumaila, U.R.** (2006). Discounting, amenity values and marine ecosystem restoration. *Marine Resource Economics*, 21 (2), 211-219.
170. **Sumaila, U.R.**, Alder, J., and Keith, H. (2006). Global scope and economics of illegal fishing. *Marine Policy*, 30(6), 696-703.
171. **Sumaila, U.R.** (2005). Differences in economic perspectives and the implementation of ecosystem-based management of marine resources. *Marine Ecology Progress Series*, 50, 279-282.
172. Teh, L., Cabanban, A., and **Sumaila, U.R.** (2005). The reef fisheries of Pulau Banggi, Sabah: A preliminary profile and assessment of ecological and socio-economic sustainability. *Fisheries Research*, 76(3), 359-367.
173. Marsden, A.D. and **Sumaila, U.R.** (2005). Tracking flows of fisheries products: the case of Pacific halibut in the Canadian economy. *Fisheries Research*, 73(1-2), 259-264.
174. Clark, C.W., Munro, G., and **Sumaila, U.R.** (2005). Subsidies, buybacks, and sustainable fisheries. *Journal of Environmental Economics and Management*, 50, 47-58.
175. **Sumaila, U.R.** and Walters, C. (2005). Intergenerational discounting: A new intuitive approach. *Ecological Economics*, 52, 135-142.
176. Ainsworth, C.H. and **Sumaila, U.R.** (2005). Intergenerational valuation of fisheries resources can justify long-term conservation: a case study in Atlantic cod (*Gadus morhua*). *Canadian Journal of*

- Fisheries and Aquatic Sciences*, 62, 1104-1110.
177. Ussif, A. M. and **Sumaila, U.R.** (2004). Modeling the dynamics of regulated resource systems: A fishery example. *Ecological Economics*, 19, 353-365.
 178. **Sumaila, U.R.** (2004). Intergenerational cost benefit analysis and marine ecosystem restoration. *Fish and Fisheries*, 5, 329-343.
 179. Alder, J. and **Sumaila, U.R.** (2004). Western Africa: a fish basket of Europe past and present. *Journal of Environment and Development*, 13(2), 156-178.
 180. Salas, S., **Sumaila, U.R.**, and Pitcher, T. (2004). Short-term decisions of small scale fishers selecting alternative target species: a choice model. *Canadian Journal of Fisheries and Aquatic Science*, 61, 374-383.
 181. Bjørndal, T., Ussif, A., and **Sumaila, U.R.** (2004). A bioeconomic analysis of the Norwegian spring spawning herring stock. *Marine Resource Economics*, 19, 353-365.
 182. Atta-Mills, J., Alder, J. and **Sumaila, U.R.** (2004). The decline of a regional fishing nation: The case of Ghana in West Africa. *Natural Resources Forum*, 28, 13-21.
 183. Pauly, D., Christensen, V., Guenette, S., Pitcher, T.J., **Sumaila, U.R.**, Walters, C.J., Watson, R., and Zeller, D. (2002). Towards sustainability in world fisheries. *Nature*, 418, 689-695.
 184. **Sumaila, U.R.** (2002). Marine protected area performance in a model of the fishery. *Natural Resource Modeling*, 15(4), 439-451.
 185. Munro, G. and **Sumaila, U.R.** (2002). The impact of subsidies upon fisheries management and sustainability: The case of the North Atlantic. *Fish and Fisheries*, 3, 233-290.
 186. Alder, J., **Sumaila, U.R.**, D. Zeller and Pitcher, T.J. (2002). Evaluating MPA management: A new modelling approach. *Coastal Management*, 30(2), 121-131.
 187. Beattie, A., **Sumaila, U.R.**, Christensen, V., and Pauly, D. (2002). Ecological and economic aspects of size and placement of marine protected areas: A spatial modeling approach *Natural Resource Modeling* 15(4), 413-437.
 188. Alder, J. and **Sumaila, U.R.** (2002). Economics of marine protected areas. *Coastal Management*, 30(3), 279 - 280.
 189. Farrow, S. and **Sumaila, U.R.** (2002). Conference summary: the new emerging economics of marine protected areas. *Fish and Fisheries*, 3, 356-359.
 190. **Sumaila, U.R.**, and Charles, A. (2002). Economic models of marine protected areas: An introduction. *Natural Resource Modeling*, 15(3), 261-272.
 191. Armstrong, C.W. and **Sumaila, U.R.** (2001). Optimal allocation of TAC and the implications of implementing an ITQ management system for the North-East Arctic cod. *Land Economics*, 77, 350-359.
 192. Hutton, T., Griffiths, M.H., **Sumaila, U.R.** and Pitcher, T.J. (2001). Cooperative versus non-cooperative management of shared linefish stocks in South Africa: An assessment of alternative management strategies for Geebek. *Fisheries Research*, 51, 53-68.
 193. Armstrong, C. W and **Sumaila, U.R.** (2000). Cannibalism and the optimal sharing of the North-East Atlantic cod stock: A bioeconomic model. *Journal of Bioeconomics*, 2, 99-115.
 194. **Sumaila, U.R.** (2000). Fish as vehicle for economic development in Namibia. *Forum for Development Studies*, 2, 295-315.
 195. **Sumaila, U.R.** and Vasconcello, M. (2000). Simulation of ecological and economic impacts of distant water fleets on Namibian fisheries. *Ecological Economics*, 32, 457-464.
 196. **Sumaila, U.R.**, Guénette, S., Alder, J., and Chuenpagdee, R. (2000). Addressing the ecosystem effects of fishing using marine protected areas. *ICES Journal of Marine Science*, 57(3), 752-760.

197. Pitcher, T. J., Watson, R., Haggan, N., Guénette, **U.R. Sumaila**, S., Kennish, R., Cook, D., and Leung, A (2000). Marine reserves and the restoration of fisheries and marine ecosystems in the South China Sea. *Bulletin of Marine Science*, 66(3), 543-566.
198. **Sumaila, U.R.** (1999). A review of game theoretic models of fishing. *Marine Policy*, 23(1), 1-10.
199. **Sumaila, U.R.** (1998). Protected marine reserves as fisheries management tools: A bioeconomic analysis. *Fisheries Research*, 37(1-3), 287-296.
200. **Sumaila, U.R.** (1997). Cooperative and non-cooperative exploitation of the Arcto-Norwegian cod stock in the Barents Sea. *Environmental and Resource Economics*, 10, 147-165.
201. **Sumaila, U.R.** (1997). Strategic dynamic interaction: The case of Barents Sea fisheries. *Marine Resource Economics*, 12, 77-94.
202. Mackinson, S., **Sumaila, U.R.** and Pitcher, T.J. (1997). Bioeconomics and Catchability: Fish and Fishers behavior during stock collapse. *Fisheries Research*, 31, 11-17.
203. Angelsen A. and **Sumaila, U.R.** (1996). Hard methods for soft policies: Environmental and social cost benefit analysis. *Forum for Development Studies*, 1, 87-114. Also published as book chapter.
204. **Sumaila, U.R.** (1995). Irreversible capital investment in a two-stage bimatrix fishery game model. *Marine Resource Economics*, 10(3), 263 - 283.
205. Angelsen A., Fjeldstad, O.H. and **Sumaila, U.R.** (1994). Growth, development and sustainability. *Development Matters*, 1(2), 19-22.

2. BOOKS

(a) Authored and edited

1. **Sumaila, U.R.** (2013). *Game Theory and Fisheries: Essays on the Tragedy of Free for All Fishing*. Routledge, London, UK, p. 178.
2. Noone, K.J., **Sumaila, U.R.**, and Diaz, R.J. (eds.) (2013). *Managing Ocean Environments in a Changing Climate: Sustainability and Economic Perspectives*. Elsevier, London, UK, p. 359.
3. Bjørndal, T., Gordon, D.V., Arnason, R., and **Sumaila, U.R.** (eds.) (2006). *Advances in Fisheries Economics: Papers in Honour of Professor Gordon Munro*, Blackwell, Oxford, p. 308.
4. **Sumaila, U.R.**, Boyer, D., Skog, M., and Steinshamm, S.I. (eds.) (2004). *Namibia's fisheries: Ecological, economic and social aspects*. Eburon, Netherlands, p. 363.
5. Kowero, G., Campbell, B.M., and **Sumaila, U.R.** (eds.) (2003). *Policies and governance structures in woodlands of Southern Africa*. CIFOR Press, Indonesia, p. 211.

(b) Special Journal Issues

1. **Sumaila, U. R.** and K. I. Stergiou (2015). Economics of marine conservation. *Mar Ecol Prog Ser* Vol. 530:177-279.
2. **Sumaila, U.R.** (2015). On the Contributions of Colin Clark to Fisheries Economics Environmental and Resource Economics, May 2015, Volume 61, Issue 1. (editor of Special Issue).
3. **Sumaila, U.R.**, Arnason, R., and Lange, G.-M. (eds.) (2010). Global Fisheries Economics, *Journal of Bioeconomics*, 12, 179-268.
4. Chuenpagdee, R. and **Sumaila, U.R.** (eds) (2010). Fisheries Governance. *Fish and Fisheries*, 11, 233-314.

5. **Sumaila, U.R.**, Adinar, A., and Albiac, J. (eds.) (2009). Game theoretic applications to environmental and natural resource problems. *Environment and Development Economics*, 14, 1-137.
6. **Sumaila, U.R.**, Charles, T., and Sylvia, G. (eds.) (2007). Topical Problems in Fisheries Economics: An Introduction. *Marine Resource Economics*.
7. **Sumaila, U.R.**, Munro, G., and Sutinen, J. (eds.) (2007). Recent Developments in Fisheries Economics. Special Issue of *Land Economics*, 83, 1-107.
8. **Sumaila, U.R.** and Charles, A. (eds.) (2002a). Economics of protected marine areas. Special Issue of *Natural Resource Modeling*, 15 (3), 261-386.
9. **Sumaila, U.R.** and Charles, A. (eds.) (2002b). Economics of protected marine areas. Special Issue of *Natural Resource Modeling*, 15 (4), 387-505.
10. Alder, J. and **Sumaila, U. R.** (eds.) (2002). Social and economic aspects of protected marine areas implementation. Special Issue of *Coastal Management*, 30(2), 121-191.

(c) *Book chapters*

1. Bailey, M., Vestergaard, N., and **Sumaila, U. R.** (2016). (Eds.). Overcoming Principal–Agent Problems to Improve Cooperative Governance of Internationally Shared Fisheries. In World scientific reference on natural resources and environmental policy in the era of global change: Volume 1: Game Theory (pp. 1-27).
2. Eagle, J., **U.R. Sumaila** (2016). The Oxford Handbook of International Climate Change Law, 543 – 562.
3. Vierros, M., **Sumaila, U. R.**, & Payet, R. A. (2015). Main human uses of ocean areas and resources, impacts, and multiple scales of governance. *Ocean Sustainability in the 21st Century*, 21.
4. Henrik Österblom, Örjan Bodin, Anthony J. Press and **Sumaila, U. R.** (2015). The High Seas and IUU Fishing. In *The high seas and global trends in* (edited by Hance D. Smith, Juan Luis Suárez de Vivero, Tundi S. Agardy). Routledge Handbook of Ocean Resources and Management.
5. **Sumaila, U. R.**, and Tesfamichael, D. (2015). Casting the Net Widely: Effective Governance and the Contribution of Fisheries to the Development of African Countries. In *New Approaches to the Governance of Natural Resources* (pp. 200-223). Palgrave Macmillan UK.
6. **Sumaila, U.R.**, W.W.L. Cheung, V.W.Y. Lam (2014). Climate change effects on the economics and management of marine fisheries. In *Handbook on the Economics of Ecosystem Services and Biodiversity*, 61.
7. Villasante, S., **Sumaila, U. R.**, and Antelo, M. (2014). Why cooperation is better: The gains to cooperative management of the Argentine shortfin squid fishery in South America, In Ostrom, E., Dasgupta, P., Mäler, K.G., Barrett, S. (eds.) *Environment and Development Economics: Essays in Honour of Sir Partha Dasgupta*, Oxford University Press.
8. Cheung, W.W.L., and **Sumaila, U.R.** (2013). Managing Multiple Human Stressors in the Ocean: A Case Study in the Pacific Ocean, In Noone, K.J., **Sumaila, U.R.**, and Diaz, R.J. (2013). *Managing Ocean Environments in a Changing Climate: Sustainability and Economic Perspectives*. Elsevier, London, UK p. 277-335.
9. Sumaila, U.R., Cheung, W.W.L., and Rogers, A. (2013). The Potential Economic Costs of the Overuse of Marine Fish Stocks, In Noone, K.J., **Sumaila, U.R.**, and Diaz, R.J. (2013). *Managing Ocean Environments in a Changing Climate: Sustainability and Economic Perspectives*. Elsevier, London, UK, 171-191.
10. Noone, K.J., **Sumaila, U.R.**, and Diaz, R.J. (2013). Valuing the ocean: an introduction, In Noone, K.J., **Sumaila, U.R.**, and Diaz, R.J. (2013). *Managing Ocean Environments in a Changing Climate: Sustainability and Economic Perspectives*. Elsevier, London, UK, 1-14.
11. Liu, Y., Chuenpagdee, R., and **Sumaila, U.R.** (2013). Salmon Aquaculture in Canada and Norway–Appraising Governability, In Bavinck, M., Chuenpagdee, R., Jentoft, S., and Kooiman, J. (eds.) *Governability of Fisheries and Aquaculture: theory and applications*. MARE Publication Series 7, ISBN: 978-94-007-6106-3.

12. **Sumaila, U.R.** (2012). Fisheries Management. In Berkshire Encyclopedia of Sustainability, p. 146-151.
13. **Sumaila, U.R.** and **Huang, L.** (2012). Improving the Management of Bluefin Tuna in the Mediterranean Sea, Chapter 10. In Abou-Ali, H. (ed.) *Economic Incentives and Environmental Regulation: Evidence from the MENA Region*. Edward Elgar, United Kingdom, 216-238.
14. **Sumaila U.R.** (2012). Is an all or nothing WTO fisheries subsidies agreement achievable? In *The Future and the WTO: Confronting the Challenges. A Collection of Short Essays*; ICTSD Programme on Global Economic Policy and Institutions, Geneva, Switzerland, www.ictsd.org, p. 169-173.
15. Munro, G. and **Sumaila, U.R.** (2011). On the Curbing of Illegal, Unreported and Unregulated (IUU) Fishing. In Jacquet P., Pachauri, R. and Tubiana, L. A Planet for life 2011, *Oceans: the new frontier*. TERI Press, Paris, France, p. 149-162.
16. **Sumaila, U. R.**, Alder, J., **Ishimura, G.**, Cheung, W. W. L., Dropkin, L., Hopkins, S., Sullivan, S., and Kitchingman, A. (2011). US Marine Ecosystem Habitat Values. In Ommer, R.E., Perry, R.I., Cochrane, K., and Cury, P. (eds.) *World Fisheries: A Social-Ecological Analysis*. Wiley-Blackwell, Oxford, UK, DOI: 10.1002/9781444392241.ch16.
17. **Sumaila, U.R.**, **Dyck, A.J.**, **Cisneros-Montemayor, A.M.**, and Watson, R. (2011). Global fisheries economic analysis. In Christensen, V. and Maclean, J. (eds.) *Ecosystem Approaches to Fisheries: A Global Perspective*. Cambridge University Press, Cambridge, UK, p. 272-279.
18. **Sumaila, U.R.**, **Dyck, A.J.**, Kronbak, L.G., **Huang, L.**, Bawumia, M., Munro, G., Arnason, R., Vestergaard, N., Hannesson, R., Chuenpagdee, R., Charles, T., and Cheung, W.W.L. (2011). Fisheries: Investing in Natural Capital. In *Towards a Green Economy*. United Nations p. 76-109.
19. **Sumaila, U.R.** and Pauly, D. (2011). The 'March of Folly' in Global Fisheries. In Jackson, J.B.C., Alexander, K.E. and Sala, E. (eds), *Shifting Baselines*. Island Press, Washington, D.C., p. 21-32
20. Watson, R., **Sumaila, U.R.**, and Zeller, D. (2011). How much fish is being extracted from the oceans and what is it worth? In Christensen, V. and Maclean, J. (eds.) *Ecosystem Approaches to Fisheries: A Global Perspective*. Cambridge University Press, Cambridge, UK, p. 55-72.
21. **Bailey, M.**, Quatey, S., Armah, A.K., Jacquet, J., Khan, A., Alder, J., and **Sumaila, U.R.** (2010). Meeting socioeconomic objectives in Ghana's sardinella fishery. In Nanang, D.M. and Nunifu, T.K. (eds.) *Natural resources in Ghana: management, policy and economics*. Nova Publishers, p. 293-309.
22. Buchary, E., Pitcher, T., and **U.R. Sumaila** (2011). Unaccounted values: under-reporting sardine catches as a strategy against poverty in the Bali Strait, Indonesia. In Ommer, R.E., Perry, R.I., Cochrane, K., and Cury, P. (eds.) *World Fisheries: A Social-ecological Analysis*. Oxford, UK: Wiley-Blackwell, p. 201-223.
23. **Sumaila, U.R.**, Alder, J., **Ishimura, G.**, Cheung, W.W.L., Dropkin, L., Hopkins. S., Sullivan, S., and Kitchingman, A. (2011). U. S. Marine Ecosystem Habitat Values. In Ommer, R.E., Perry, R.I., Cochrane, K., and Cury, P. (eds.) *World Fisheries: A Social-ecological Analysis*, p. 281-290.
24. Cox, A. and **Sumaila, U.R.** (2010). A Review of Fisheries Subsidies: Quantification, Impacts, and Reform. In Grafton, Q., Hilborn, R., Squires, D., Tait, M., and Williams, M. (eds.) *Marine Fisheries Conservation and Management*. Cambridge University Press, p. 99-112.
25. Perry, R.I., Ommer, R.E., Allison, E., Badjeck, M.-C., Barange, M., Hamilton, L., Jarre, A., Quiñones, R., **Sumaila, U.R.** (2010). Interactions between changes in marine ecosystems and human communities. In Barange, M., Field, J., Harris, R., Hofmann, E., Perry, I., and Werner, C. (eds.) *Global Change and Marine Ecosystems*. Oxford University Press, Oxford, p. 221-251.
26. Metuzals, K., Baird, R., Pitcher, T., **Sumaila, U.R.**, and Ganapathiraju, P. (2010). One Fish, Two Fish, IUU, and No Fish: Unreported Fishing Worldwide. In Grafton, Q., Hilborn, R., Squires, D., Tait, M., and Williams, M. (eds.) *Marine Fisheries Conservation and Management*. Cambridge University Press, p. 165-181.
27. Herrick, S.F., Hannesson, R., Sumaila, U.R., Ahmed, M., and Torres, J.-P. (2009). Global production and economics of small, pelagic fish. In Checkley, A., Oozeki, and Roy (eds.) *Climate Change and Small Pelagic Fish*. Cambridge University Press, p. 256-274.

28. **Sumaila, U.R.** and Cheung, W.W.L. (2009). Vulnerability and Sustainability of Marine Fish Stocks Worldwide: With Emphasis on Fish Stocks of the Commonwealth of Nations. In Bourne, R. and Collins, M. (eds.) *From hook to plate: The state of marine fisheries – A Commonwealth perspective*, p. 195-210.
29. **Sumaila, U.R.** and Munro, G.R. (2009). Fisheries Economics. In *Encyclopedia of Ocean Sciences*, p. 3787-3794.
30. Hoagland, P., **Sumaila, U.R.**, and Farrow, S. (2009). Marine Protected Areas. In *Encyclopedia of Ocean Sciences*, p. 1654-1659.
31. Pauly, D., Alder, J., Booth, S., Cheung, W.W.L., Christensen, V., Close, C., **Sumaila, U.R.**, Swartz, W., Tavakolie, A., Watson, R., Wood, L., and Zeller, D. (2008). Fisheries in Large Marine Ecosystems: Descriptions and Diagnoses. In Sherman, K. and Hempel, G. (eds.) *The UNEP Large Marine Ecosystem Report: a Perspective on Changing Conditions in LMEs of the World's Regional Seas*. UNEP Regional Seas Reports and Studies No. 182, p. 23-40.
32. **Sumaila, U.R.** (2008). Current state of global fisheries: The role of economic valuation. In Lasry, J.-M., and Fessler, D. (eds.) *Finance and sustainable development: Opposition or partnership*. *Economica*, Paris, p 87-93.
33. Vincent, A.C.J., Marsden, D., and **Sumaila, U.R.** (2007). The role of globalization in creating and addressing seahorse conservation problems. In Taylor, W.W., Schetcher, M.G., and Wolfson, L.G. (eds.) *Globalization: Effects on fisheries resources*. Cambridge University Press, p. 186-214.
34. **Sumaila, U.R.** and Stephanus, K. (2006). Declines in Namibia's pilchard catch: the reasons and consequences. In Hannesson, R., Barange, M., and Herrick Jr., S. (eds.) *Climate Change and the Economics of the World's Fisheries- Examples of small pelagic stocks*. Edward Elgar, Cheltenham, UK, pp. 205-214.
35. Pauly, D., Alder, J., Bakun, A., Heileman, S., Kock, K.-H., Mace, P., Perrin, W., Stergiou, K.I., **Sumaila, U.R.**, Vierros, M., Freire, K.M.F., Sadovy, Y., Christensen, V., Kaschner, K., Palomares, M.L.D., Tyedmers, P., Wabnitz, C., Watson, R., and Worm, B. (2005). Marine systems. In Hassan, R., Scholes, R., and Ash, N. (eds.) *Ecosystems and Human Well-being: Current States and Trends*, Vol. 1. Millennium Ecosystem Assessment and Island Press, Washington, D.C, p. 477-511.
36. Pullin, R. and **Sumaila, U.R.** (2005). Aquaculture. In Kooiman, J., Bavinck, M., Jentoft, S., and Pullin, R. (eds.) *Fish for Life: Interactive governance for fisheries*, p. 93-108.
37. Kooiman, J., Jentoft, S., Bavinck, M., Chuenpagdee, R., and **Sumaila, U.R.** (2005). Meta-principle. In Kooiman, J., Bavinck, M., Jentoft, S., and Pullin, R. (eds.) *Fish for Life: Interactive governance for fisheries*, p. 93-108.
38. **Sumaila, U.R.**, Boyer, D., Skog, M., and Steinshamm, S.I. (2004). Namibia's fisheries: Introduction and overview. In Sumaila, U.R., Boyer, D., Skog, M., and Steinshamm, S.I. (eds) *Ecological, Economic and Social Aspects of Namibia's Fisheries*, Eburon, Netherlands, p. 1-9.
39. Armstrong, C.W., **Sumaila, U.R.**, Erastus, A., and Msiska, O. (2004). Benefits and costs of the Nambianization policy. In Sumaila, U.R., Boyer, D., Skog, M., and Steinshamm, S.I. (eds) *Namibia's fisheries: Ecological, economic and social aspects*, Eburon, Netherlands, p. 203-214.
40. Armstrong, C.W., and **Sumaila, U.R.** (2004). The Namibian-South African hake fishery – Costs of non-cooperative management. In Sumaila, U.R., Boyer, D., Skog, M., and Steinshamm, S.I. (eds) *Namibia's fisheries: Ecological, economic and social aspects*. Eburon, Netherlands, p. 231-244.
41. **Sumaila, U.R.**, and Steinshamm, S.I. (2004). A brief overview of current bioeconomic studies of Namibian fisheries. In Sumaila, U.R., Boyer, D., Skog, M., and Steinshamm, S.I. (eds) *Namibia's fisheries: Ecological, economic and social aspects*, Eburon, Netherlands, p. 165-186.
42. **Sumaila, U.R.**, Alder, J., and Keith, H. (2004). The cost of being apprehended for fishing illegally: Empirical evidence and policy implications. In *Fish Piracy: Combating illegal, unreported and unregulated fishing*. Organisation for Economic Co-operation and Development (OECD), Paris, p. 201-230.

43. Pitcher, T.J., Heymans, S.J.J., Ainsworth, C., Buchary, E.A., **Sumaila, U.R.**, and Christensen, V. (2004). Opening the lost valley: Implementing a 'Back To Future' restoration policy for marine ecosystems and their fisheries. In Knudsen, E.E., MacDonald, D.D. and Muirhead, J.K. (eds.) *Sustainable management of North American fisheries*. American Fisheries Society Symposium 43: 165-193.
44. **Sumaila, U.R.**, Angelsen, A., and Kowero, G. (2003). A system dynamics model for management of miombo woodlands. In Kowero G., Campbell, B.M., and Sumaila, U.R. (eds.) *Policies and governance structures in woodlands of Southern Africa*, CIFOR, Bogor, p. 218-238.
45. Kowero, G. and **Sumaila, U.R.** (2003). Manual for users of Miombosim: A simulation model for the management of miombo woodlands. In Kowero G., Campbell, B.M., and Sumaila, U.R. (eds.) *Policies and governance structures in woodlands of Southern Africa*, CIFOR, Bogor, p. 239-256
46. Sainsbury, K. and **Sumaila, U.R.** (2003). Incorporating ecosystem objectives into management of sustainable marine fisheries, including 'best practice' reference points and use of marine protected areas. In Sinclair, M. and Valdimarson, G. (eds.) *Responsible fisheries in the marine ecosystem*. CAB International, pp. 343-361.
47. **Sumaila, U.R.** (2002). Recreational and commercial fishers in the Namibian silver cob fishery. In Pitcher, T.J. and Hollingworth, C.E. (eds.) *Recreational fisheries: Ecological, economic and social evaluation*, p. 51-62. Blackwell Science, Oxford, UK.
48. Hoagland, P., **Sumaila, U.R.** and Farrow, S. (2001). Marine protected areas. In Steele, J.H., Thorpe, S.A., and Turekian, K.K. (eds.) *Encyclopedia of ocean sciences*. London: Academic Press, pp. 1654-1659.
49. **Sumaila, U.R.** and Bawumia, M. (2000). Ecosystem justice and the marketplace. In Coward, H., Ommer, R., and Pitcher, T. J. (eds.) *Fish ethics: Justice in the Canadian fisheries*. Institute of Social and Economic Research (ISER), Memorial University, St. John's, Newfoundland, Canada, , p. 140 – 153.
50. **Sumaila, U.R.** (1998). Protected marine reserves as hedge against uncertainty: An economist's perspective. In Pitcher, T.J., Pauly, D., and Hart, P. (eds.) *Reinventing Fisheries Management*. Chapman and Hall, England, p.301-309.
51. Bonfil R., Munro, G., **Sumaila, U.R.**, Valtysson, H., Wright, M., Pitcher, T., Preikshot, D., Haggan, N., and Pauly, D. (1998). Impacts of distant water fleets: an ecological, economic and social assessment. In The footprints of distant water fleet on world fisheries. *Endangered Seas Campaign*, WWF International, Godalming, Surrey, 122 p.
52. **Sumaila, U.R.** (1998). Optimal landing strategies for the Arcto-Norwegian cod stock: Trawlers versus Coastal vessels. In S. Jentoft (ed.) *Commons in Cold Climate: Coastal Fisheries and Reindeer Pastoralism in North Norway*. Parthenon Publishing, England, p.115-120.
53. Angelsen, A and **Sumaila, U.R.** (1997). Hard methods for soft policies: Environmental and social cost benefit analysis. In F.A. Wilson (ed.) *Towards Sustainable Project Development*, Edward Edgar, UK, 20-42.

3. CONFERENCE PROCEEDINGS, REPORTS, BOOK REVIEWS AND OTHER PUBLICATIONS

1. **Sumaila, U. R.** (2016). Trade Policy Options for Sustainable Oceans and Fisheries. E15 Expert Group on Oceans, Fisheries and the Trade System – Policy Options Paper. E15Initiative. Geneva: International Centre for Trade and Sustainable Development (ICTSD) and World Economic Forum.
2. **Sumaila, U. R.** (2014). Christophe Bellmann, and Alice Tipping. Fishing for the Future: Trends and Issues in Global Fisheries Trade. E15Initiative. Geneva: International Centre for Trade and Sustainable Development (ICTSD) and World Economic Forum www.e15initiative.org/.
3. **Sumaila, U. R.** (2013). Lam, V., Le Manach, F., Swartz, W., and Pauly, D. "Global Fisheries Subsidies." European Parliament, [http://www.europarl.europa.eu/RegData/etudes/note/join/2013/513978/IPOL-PECH_NT\(2013\)513978_EN.pdf](http://www.europarl.europa.eu/RegData/etudes/note/join/2013/513978/IPOL-PECH_NT(2013)513978_EN.pdf).
4. Cisneros-Montemayor AM, King JR, McFarlane GA, **Sumaila UR** (2012) Thinking about the effects of shark conservation on BC fisheries. In: McFarlane GA, Arndt U, Cooper E.W.T. Proceedings of the First

- Pacific Shark Workshop, December 13-15, Vancouver, Canada. TRAFFIC and WWF-Canada, Vancouver. p. 15-16.
5. Hotte, N. and **Sumaila, U.R.** (2012). Potential economic impact of a tanker spill on ocean-based industries in British Columbia. Fisheries Centre Research Reports 20(7), The University of British Columbia, Vancouver, B.C., Canada.
 6. Munro, G., **U.R. Sumaila** and B. Turrís (2012). Catch Shares, the Theory of Cooperative Games and the Spirit of Elinor Ostrom: A Research Agenda. In: *The Economics of Sustainable Fisheries, Aquaculture and Seafood Trade: Proceedings of the Sixteenth Biennial Conference of the International Institute of Fisheries Economics and Trade*, July 16-20, Dar es Salaam, Tanzania. Edited by Ann L. Shriver. International Institute of Fisheries Economics and Trade (IIFET), Corvallis.
 7. Cisneros-Montemayor, A.M., Barnes, M., Al-Abdulrazzak, D., Navarro-Holm, E., and **Sumaila, U.R.** (2012). Global economic value of shark ecotourism: Implications for conservation. Fisheries Centre Working Paper #2012-04, The University of British Columbia, Vancouver, B.C., Canada.
 8. Pauly, D., Belhabib, D., Cheung, W., Cisneros-Montemayor, A., Harper, S., Lam, V., Mai, Y.Y., Le Manach, F., Mok, K.M., van der Meer, L., Shon, S., Swartz, W., **Sumaila, U.R.**, Watson, R., Zhai, L., and Zeller, D. (2012). Catches [of the Chinese distant- water fleet] p. 21-29 & 81-85 In: R. Blomeyer, I. Goulding, D. Pauly, A. Sanz, and K. Stobberup. *The role of China in World Fisheries*. European Parliament, Directorate General for Internal Policies, Policy Department B: Structural and Cohesion Policies - Fisheries. Brussels, 97 p.
 9. Ekeland, I., Karp, L. and **Sumaila, U.R.** (2011). Equilibrium management of fisheries with altruistic overlapping generations. Department of Agricultural & Resource Economics, UC Berkeley, Working Paper Series, number qt8615756p.
 10. **Sumaila, U.R.** and Bailey, M. (2011). Sequential fishing of western central Pacific Ocean tuna stocks. Fisheries Centre Working Paper #2011-02, The University of British Columbia, Vancouver, B.C., Canada.
 11. **Sumaila, U.R.**, Khan, A.S., Dyck, A.J., Watson, R., Munro, G., Tyedmers, P., Pauly, D. (2011). Subsidies to fisheries in Regional Seas, p. 59-61 In: Christensen, V., Lai, S., Palomares, M.L.D., Zeller, D., and Pauly, D. (eds) *The state of biodiversity and fisheries in Regional Seas*. Fisheries Centre Research Reports 19(3), The University of British Columbia, Vancouver, B.C., Canada.
 12. **Sumaila, U.R.**, Khan, A., Dyck, A., Watson, R., Munro, G., Tyedmers, P., and Pauly, D. (2009). [A Bottom-up Re-estimation of Global Fisheries Subsidies](#). Fisheries Centre Working Paper #2009-11, The University of British Columbia, Vancouver, B.C., Canada.
 13. Srinivasan, U.T., Cheung, W.W.L., Watson, R., and **Sumaila, U.R.** (2009). [Global Patterns of Potential Catch and Value Losses due to Overfishing](#). Fisheries Centre Working Paper #2009-10, The University of British Columbia, Vancouver, B.C., Canada.
 14. Cisneros-Montemayor, A.M. and **Sumaila, U.R.** (2009). [A Global Valuation of Ecosystem-Based Marine Recreation](#). Fisheries Centre Working Paper #2009-09, The University of British Columbia, Vancouver, B.C., Canada.
 15. Dyck, A.J., and **Sumaila, U.R.** (2009). [Contribution of Ocean Fish Populations to the World Economy](#). Fisheries Centre Working Paper #2009-08, The University of British Columbia, Vancouver, B.C., Canada.
 16. **Sumaila, U.R.** and Cheung, W. (2010). Cost of adapting fisheries to climate change. World Bank Discussion Paper Number 5. The International Bank for Reconstruction and Development/The World Bank. Washington, DC, U.S.A.
 17. Ekeland, I., Pareja, C., and **Sumaila, U.R.** (2009). [Fisheries Management and Intergenerational Equity](#). Fisheries Centre Working Paper #2009-06, The University of British Columbia, Vancouver, B.C., Canada.
 18. Bailey, M., and **Sumaila, U.R.** (2008). Towards ecosystem-based management in the Bird's Head function seascape of Papua, Indonesia: The economic sub-project. Chapter 2 In: Bailey, M. and Pitcher, T.J. (eds) *Ecological and economic analyses of marine ecosystems in the Bird's Head seascape, Papua, Indonesia: II*. Fisheries Centre Research Reports 16(1): 186 pp.

19. Bailey, M., and **Sumaila, U.R.** (2008). Destructive fishing in Raja Ampat, Indonesia: An applied principal-agent analysis. Chapter 3 *In*: Bailey, M. and Pitcher, T.J. (eds) Ecological and economic analyses of marine ecosystems in the Bird's Head seascape, Papua, Indonesia: II. Fisheries Centre Research Reports 16(1): 186 pp.
20. Bailey, M. and **Sumaila, U.R.** (2008). Power in diversity: Bringing people together and putting ideas out. Sea Around Us Project, Issue 49.
21. Christensen, V., Walters, C.J., Ahrens, R., Alder, J., Buszowski, J., Christensen, L.B., Cheung, W.W.L., Dunne, J., Froese, R., Karpouzi, V., Kastner, K., Kearney, K., Lai, S., Lam, V., Palomares, M.L.D., Peters-Mason, A., Piroddi, C., Sarmiento, J.L., Steenbeek, J., **Sumaila, R.**, Watson, R., Zeller, D., and Pauly, D. (2008). Models of the world's large marine ecosystems. GEF/LME global project Promoting Ecosystem-based Approaches to Fisheries Conservation and Large Marine Ecosystems, Intergovernmental Oceanographic Commissions Technical Series No. 80, iv+43 p. UNESCO.
22. Amegashie, J.A. and **Sumaila, U.R.** (2008). A Note on Endogenous Time Preference and the Commons: The Case of the Fishery. Fisheries Centre Working Paper #2008-04, The University of British Columbia, Vancouver, B.C., Canada.
23. Marsden, D. and **U. R. Sumaila** (2008). Canada's International Marine Fish Trade Since 1950: Volume, Value, and Implications for Conservation. Proceedings of the World Fisheries Congress, Vancouver, 2004, 261-264.
24. **Sumaila, U.R.**, Ishimura, G., Liu, Y. and D. Marsden (2008). Reconciling Fisheries with Conservation and the Valuation of Fishes. Proceedings of the World Fisheries Congress, Vancouver, 2004, 705-706.
25. **Sumaila, U.R.** (2008). Getting Values and Valuation Right: A Must for Reconciling Fisheries with Conservation. Proceedings of the World Fisheries congress, Vancouver, 2004, 707-712.
26. Colin, C.W., Munro, G. and **U.R. Sumaila** (2008). Subsidies, Decommissioning Schemes, and Their Implication for Effective Fisheries Management. Proceedings of the World Fisheries Congress, Vancouver, 2004, 713-726.
27. Heymans, S.J.J. and **Sumaila, U.R.** (2007). Updated ecosystem model for the northern Benguela ecosystem, Namibia. pp. 25-70 Le Quesne, W.J.F., Arreguin-Sanchez, F., and Heymans, S.J.J. (eds) INCOFISH ecosystem models: transiting from Ecopath to Ecospace. Fisheries Centre Research Reports 15(6), 188 pages.
28. Sumaila, U.R. (2007). Briefing at the United Nations on global fisheries. SAUP Newsletter, 2007
29. Sumaila, U. R. (2007). Fisheries Centre at the World Trade Organization. Fishbytes, 2007.
30. **Sumaila, U.R.**, (2007). Running on empty: Eliminate fuel subsidies to reduce destructive bottom trawling on the high seas. *Conservation Magazine*, 8: 3, 6-7.
31. Bailey, M., Rotinsulu, C., and **Sumaila, U.R.** (2007) The Migrant Anchovy Fishery In Kabui Bay, Raja Ampat, Indonesia: Catch, Profitability And Income Distribution. Pages 173–182 in Pitcher, T.J., Ainsworth, C.H., and Bailey, M. (eds) Ecological and Economic Analyses of Marine Ecosystems in the Birds Head Seascape, Papua, Indonesia: I. Fisheries Centre Research Reports 15(5): 182 pp.
32. **Sumaila, U.R.** (2006). Briefing on the Hill on rebuilding overfished stocks in the USA. *The Sea Around Us* Newsletter, 36, 1-2.
33. **Sumaila, U.R.** (2006). Tony Blair's bargain-priced flight and the easing of pressure on fish stocks. *Fishbytes*, 12(3), 1-2.
34. **Sumaila, U.R.** and Keith, H. (2006). Regulating fisheries subsidies-A role for RFMOs. *Bridges Monthly*, No. 2, March-April 2006. ICTSD, Geneva: 21-22.
35. **Sumaila, U.R.** and Pauly, D. (eds) (2006). Catching more bait: A bottom-up re-estimation of global fisheries subsidies. Fisheries Centre Research Reports 14(6), 114 pp. Fisheries Centre, the University of British Columbia, Vancouver, Canada.
36. **Sumaila, U.R.** and Marsden, D. (eds) (2006). [Proceedings of the 2005 North American Association of Fisheries Economists Forum](#) FCRR 2006, 14(1) 220 pp.

37. Abdallah, P. R. and **Sumaila, U.R.** (2006). A historical account of Brazilian policy on fisheries subsidies. *In: Sumaila, U.R., Pauly, D. (eds) Catching more bait: A bottom-up re-estimation of global fisheries subsidies. Fisheries Centre Research Reports 14(6)* , pp. 69-78. Fisheries Centre, the University of British Columbia, Vancouver, Canada.
38. **Khan, A., Sumaila, U.R.,** Watson, R., Munro, G., and Pauly, D. (2006). The nature and magnitude of global non-fuel fisheries subsidies. *In: Sumaila, U.R. and Pauly, D. (eds) Catching more bait: A bottom-up re-estimation of global fisheries subsidies. Fisheries Centre Research Reports 14(6)* , p. 1-34. Fisheries Centre, the University of British Columbia, Vancouver, Canada
39. **Sumaila, U.R.** and Pauly, D. (2006). Executive Summary. *In: Sumaila, U.R. and Pauly, D. (eds) Catching more bait: A bottom-up re-estimation of global fisheries subsidies. Fisheries Centre Research Reports 14(6)*, p. 2. Fisheries Centre, the University of British Columbia, Vancouver, Canada.
40. **Sumaila, U.R., Teh, L.,** Watson, R., Tyedmers, P., and Pauly, D. (2006). Fuel subsidies to fisheries globally: Magnitude and impacts on resource sustainability. *In: Sumaila, U.R. and Pauly, D. (eds) Catching more bait: A bottom-up re-estimation of global fisheries subsidies. Fisheries Centre Research Reports 14(6)*, pp. 39-49. Fisheries Centre, the University of British Columbia, Vancouver, Canada.
41. **Sumaila, U.R., Khan, A., Teh, L.,** Watson, R., Tyedmers, P., Pauly, D. (2006). Subsidies to high seas bottom trawl fleet and the sustainability of deep sea benthic fish stocks. *In: Sumaila, U.R. and Pauly, D. (eds), Catching more bait: A bottom-up re-estimation of global fisheries subsidies. Fisheries Centre Research Reports 14(6)*, pp. 47-51. Fisheries Centre, the University of British Columbia, Vancouver, Canada.
42. **Sumaila, U.R.** and Suatoni, L. (2006). Economic Benefits of Rebuilding U.S. Ocean Fish Populations. Fisheries Centre Working Paper #2006-04, The University of British Columbia, Vancouver, B.C., Canada.
43. Alder, J., Hopkins, S., Cheung, W.W.L., and **Sumaila, U.R.** (2006). Valuing US Marine Habitats: Fantasy or Fact? Fisheries Centre Working Paper #2006-03, The University of British Columbia, Vancouver, BC, Canada.
44. **Sumaila, U.R., Volpe, J.P., and Liu, Y.** (2005). Ecological and economic impact assessment of sablefish aquaculture in British Columbia. Fisheries Centre Research Report 13(3), pp. 33.
45. **Sumaila, U.R.** (2005). From Halifax to the White House. The Sea Around Us Project Newsletter, Issue 28, 1-3, contd on page 6.
46. **Sumaila, U.R.** (2005). A global ex-vessel fish price database is born! The Sea Around Us Project Newsletter, Issue 28, 5-6.
47. **Sumaila, U.R.,** Alder, J. and **Keith, H.** (2004). The cost of being apprehended for fishing illegally: Empirical evidence and policy implications. In: Organisation for Economic Co-operation and Development (Ed.), Fish Piracy: Combating illegal, unreported and unregulated fishing. Organisation for Economic Co-operation and Development, Paris (France), pp. 201-230.
48. Haggan, N., Pitcher, T., and **Sumaila, U.R.** (2004). Back to the Future in the Strait of Georgia. *In: Droscher, T.W. and Fraser, D.A. (eds) Proceedings of the 2003 Georgia Basin/Puget Sound Research Conference.* CD-ROM or Online: http://www.psat.wa.gov/Publications/03_proceedings/PAPERS/ORAL/9e_hagga.pdf.
49. Okey, T.A., **Sumaila, U.R.,** and Zeller, D. (2004). The dynamic steady state economy. Letter to the editor. *Frontiers in Ecology and the Environment* 2(8): 401.
50. **Sumaila, U.R.** (2004). Conference in Honour of Professor Gordon Munro. Fishbytes.
51. **Sumaila, U.R.** and Alder, J. (2004). IUU fishing, international fisheries organizations and the SAUP. SAUP Newsletter.
52. **Marsden, D.** and **Sumaila, U.R.** (2004). International Institute of Fisheries Economics and Trade Conference. Fishbytes.
53. Alder, J. and **Sumaila, U.R.** (2004). Fish fingers matter. SAUP Newsletter.

54. Sumaila, U.R. (ed.) (2003). Three essays on the economics of fishing. Fisheries Centre Research Reports 11(3), 33pp.
55. Clark, C.W., Munro, G.R., and **Sumaila, U.R.** (2003). Subsidies, buybacks and sustainable fisheries. Pages 4 - 18 in Sumaila, U.R. (ed.) Three essays on the economics of fishing. Fisheries Centre Research Reports 11(3).
56. **Sumaila, U.R.** and Walters, C. (2003). Intergenerational discounting. Pages 19 - 25 in Sumaila, U.R. (ed.) Three essays on the economics of fishing. Fisheries Centre Research Reports 11(3).
57. *Ainsworth, C.H.* and **Sumaila, U.R.** (2003). Intergenerational discounting and the conservation of fisheries resources: A case study in Canadian Atlantic cod. Pages 26 - 33 in Sumaila, U.R. (ed.) Three essays on the economics of fishing. Fisheries Centre Research Reports 11(3).
58. **Sumaila, U.R.** (2003). An economic indicator for monitoring fishing pressure on marine ecosystems. Paper presented at the Sustainability Indicators Workshop, June 2003, Dakar, Senegal (<http://filaman.uni-kiel.de/ecofish/reports/rashid.pdf>)
59. Pitcher, T.J., Heymans, S.J.J., Ainsworth, C., Buchary, E.A., **Sumaila, U.R.** and Christensen, V. (2003). Opening the lost valley: Implementing a 'Back To Future' restoration policy for marine ecosystems and their fisheries. In Knudsen, E.E., D.D. MacDonald, D.D. and Muirhead, J.K. (eds) Fish in the Future? Perspectives on Fisheries Sustainability. American Fisheries Society, Bethesda, MD, USA.
60. **Sumaila, U.R.**, Ninnes, C., and Oelofsen, B. (2003). Management of shared stocks in the Benguela marine ecosystem. FAO Fisheries Report No. 695 Suppl., Rome, 143-158.
61. **Sumaila, U.R.** and Armstrong, C. (2003). Distributional effects of Marine Protected Areas: A study of the North-East Atlantic cod fishery, Working Paper Series 02/2003, Department of Economics, Norwegian College of Fishery Science, University of Tromsø, Norway, 2003.
62. **Sumaila, U.R.** (2003). Social scientists go to Globec. Sea Around Us Newsletter, January – February, 2003, pp. 7.
63. **Sumaila, U.R.** (2003). A fish called subsidies. *Down to Earth* 12 (12), 55.
64. **Sumaila, U.R.** (2003). And Kenneth Arrow was in the audience! Sea Around Us Project Newsletter. March/April (16), 4.
65. **Sumaila, U.R.** (2003). Marine biodiversity meeting, using the past to inform the future: the known, unknown and the unknowable. Sea Around Us Project Newsletter. November/December (20), 3.
66. **Sumaila, U.R.** (2003). Optimal management of Benguela hake stocks: A new partnership. FishBytes 9 (6), 1-2.
67. **Sumaila, U.R.** (2003). Social scientists go to Globec. Sea Around Us Project Newsletter. January/February (15), 7.
68. **Sumaila, U.R.** and Armstrong, C. (2003). Distributional effects of Marine Protected Areas: A study of the North-East Atlantic cod fishery, Working Paper Series 02/2003, Department of Economics, Norwegian College of Fishery Science, University of Tromsø, Norway, 2003.
69. Pitcher, T.J., Buchary, E.A., and **Sumaila, U.R.** (2002) A synopsis of Canadian Fisheries. Published on the Fisheries Centre Web Site at www.fisheries.ubc.ca 22pp. <http://www.fisheries.ubc.ca/publications/reports/canada-syn.pdf>
70. **Armstrong, C.**, **Sumaila, U.R.**, and Erastus, A. (2002). An assessment of the benefits and costs of the Namibianisation of Namibian fisheries International Symposium: Transformation of South African Fishing Industry, Oktober 2002, Cape Town, Sør Afrika.
71. **Sumaila, U.R.** (2002). The fishing enterprise and fisheries management. Fisheries Centre Research Report 10(8), 12-16.
72. **Sumaila, U.R.** and Watson, R. (2002). The rights to fish – A critique of ITQs. In: Ward, T., Tarte, D., Hegerl, E., and Short, K. (eds) Ecosystem-Based Management for Marine Capture Fisheries: A Policy Direction. WWF Report, 2002 (Box 18).

73. **Sumaila, U.R.** (2002). Generational cost benefit analysis. *In* Ward, T., Tarte, D., Hegerl, E., and Short, K. (eds) Ecosystem-based management for marine capture fisheries: A policy direction. WWF Report, 2002 (Box 16).
74. **Sumaila, U.R.** (2002). Ecosystem restoration. *In*: Ward, T., Tarte, D., Hegerl, E., and Short, K. Ecosystem-based management for marine capture fisheries: A policy direction. WWF Report, 2002 (Box 15).
75. **Sumaila, U.R.** (2002). The Fisheries Economics Research Unit (FERU): Reconciling economically viable fisheries with the conservation of aquatic life. *Fishbytes*, 8(6), 1-2.
76. **Sumaila, U.R.** (2001). How global is world fisheries trade? *Sea Around Us Project Newsletter*. July/August (10), 3-4.
77. **Sumaila, U.R.** and Alder, J. (eds) (2001). Economics of marine protected areas. Fisheries Centre Research Reports 9 (8), pp. 250.
78. Pitcher, T.J., **Sumaila, U.R.** and Pauly, D. (eds) (2001). Fisheries impacts on North Atlantic ecosystems: Evaluations and policy exploration. Fisheries Centre Research Reports 9 (5), pp. 94.
79. **Sumaila, U.R.**, **Y. Liu** and P. Tyedmers¹ (2001). Small Versus Large-Scale Fishing Operations In The North Atlantic. *In*: Pitcher, T.J., **Sumaila, U.R.** and Pauly, D. (eds). Fisheries impacts on North Atlantic ecosystems: Evaluations and policy exploration. Fisheries Centre Research Reports 9 (5), pp. 94.
80. **Sumaila, U.R.**, Pitcher, T.J., Haggan, N., and Jones, R. (2001). Evaluating the benefits from restored ecosystems: a Back to the Future Approach. *In*: Shriver, A.L. and Johnston, R.S. (eds) *Proceedings of the 10th International Conference of the International Institute of Fisheries Economics and Trade*. Corvallis, Oregon, USA, July 2000. (CD-ROM), pp. 1-7.
81. **Sumaila, U.R.** and Power, M. (2001). Tuna Cartel: for Ecology and Economics? *FishBytes* 7 (4).
82. **Sumaila, U.R.** (2001). Generational cost benefit analysis for evaluating marine ecosystem restoration. *In*: Pitcher, T.J., Sumaila, U. and Pauly, D. (eds) Fisheries impacts on North Atlantic Ecosystems: Evaluations and Policy Exploration. Fisheries Centre Research Reports 9(5): 94pp.
83. Buchary, E.A., Cheung, W.L., **Sumaila, U.R.**, and Pitcher, T.J. (2001). Back to the Future in Hong Kong: discounting and inter-generational equity in the use of ecosystem resources. Presented to the Marine Biological Association of Hong Kong seminar series, Hong Kong, April 4, 2001.
84. Laryea, S.A. and **Sumaila, U.R.** (2001). Determinants of inflation in Tanzania. CMI Working Paper WP 2001:12.
85. **Sumaila, U.R.**, Angelsen, A., and Kowero, G. (2001). A system dynamics model for management of miombo woodlands. *In*: Modelling methods for policy analysis in miombo woodlands. Occasional Paper No. 35, CIFOR, Bogor. pp.17-30.
86. **Sumaila, U.R.**, Chuenpagdee, R., and Vasconcellos, M. (eds) (2000). Proceedings of the INCO-DC International Workshop on markets, global fisheries and local development, Bergen, Norway, 22-23 March 1999. ACP-EU Fish.Res.Rep., (7):115p.
87. **Sumaila, U.R.** and Munro, G. (2000). Restoration of overexploited capture fishery resources: An economic/Ecosim modeling approach, a 'Methodology Paper' of the Sea Around Us. Project (see www.fisheries.com); (2000). *In*: Pauly, D. and Pitcher, T.J. (eds) Methods for assessing the impact of fisheries on marine ecosystems of the North Atlantic. Fisheries Centre Research Reports 8(2).
88. **Sumaila, U.R.** (2000). Biodiversity in a game theoretic model of the fishery. *In*: Johnston, R.S. and Shriver, A.L. (eds): Proceedings of the 10th International Conference of the International Institute of Fisheries Economics & Trade, Corvallis, Oregon, USA, 2000.
89. **Sumaila, U.R.**, Chuenpagdee, R., and Munro, G. (2000). Tracking fisheries landings in the North Atlantic, a 'Methodology Paper' of the Sea Around Us. Project (see www.fisheries.com); (2000). *In*: Pauly, D. and Pitcher T.J. (eds) Methods for assessing the impact of fisheries on marine ecosystems of the North Atlantic. Fisheries Centre Research Reports 8(2): 114-122.

90. Bjorndal, T., Ussif, A., and **Sumaila, U.R.** (1999). A bioeconomic analysis of the Norwegian Spring Spawning Herring (NSSH) stock. SNF Working Paper No. A57/99.
91. **Sumaila, U.R.**, Guenette, S., Alder, J., Pollard, D., and Chuenpagdee, R. (1999). Marine protected areas and managing fished ecosystems. CMI Report No. 4, 1999.
92. **Sumaila, U.R.** (1999.) Fishing gear impacts on the potential economic gains from Namibian hake. CMI Working paper, 1999.
93. **Sumaila, U.R.** (1999). Pricing down marine food webs. *In*: Pauly, Christensen, and Coelho (eds) Proceedings of the EXPO'98 Conference on ocean food webs and economic productivity. ACP-EU Fisheries Research Report Number 5, 1999.
94. **Sumaila, U.R.** (1998). Markets and the fishing down marine food web phenomena. EC Fisheries Cooperation Bulletin, 11, 3-4, September - December.
95. **Sumaila, U.R.** (1998). Economics of Namibian hake. In Proceedings of the Fisheries Management Seminar hosted by the Ministry of Fisheries and Marine Resources (Namibia) in collaboration with the Nansen Programme, Swakopmund, Namibia, 27 –28 August, 1998, pp 38-46.
96. **Sumaila, U.R.** (1998). Management strategies, economic environment and bioeconomic gains from Namibian hake. Proceedings from the Soria Moria Conference, NFR, Oslo, October, 1998.
97. **Sumaila, U.R.** (1998). Bioeconomics and the Ecopath/Ecosim framework. *In*: Daniel Pauly (ed.): Use of Ecopath with Ecosim to evaluate strategies for sustainable exploitation of multi-species resources. Proceedings of a FAO/FC Workshop, Vancouver, Canada. Fisheries Centre Research Reports, 1998 Vol. 6 No. 2.
98. Bonfil, R., **Sumaila, U.R.**, Munro, G., Valtysson, H., Wright, M., Pitcher, T., Preikshot, D., Haggan, N., and Pauly, D. (1998). Impacts of distant water fleets: an ecological, economic and social assessment, p11-111 *In*: The footprints of distant water fleet on world fisheries. Endangered Seas Campaign, WWF International, Godalming, Surrey, 122 p.
99. **Sumaila, U.R.** (1997). Fish as vehicle for economic development in post independent Namibia. CMI Working Paper, No. 11, 1997.
100. **Sumaila, U.R.** (1997). Protected marine reserves as fisheries management tools: A bioeconomic analysis, p. 40 in Objectives and uncertainty in fisheries management with emphasis on three North Atlantic ecosystems. Proceedings of an International Fisheries Symposium Bergen, Norway 3 - 5 June 1997.
101. Kleppe, I.A. and **Sumaila, U. R.** (1997). Recent economic and social trends in Malawi. Development Studies and Human Rights.
102. **Sumaila, U.R.** (1996). Cooperative and non-cooperative exploitation of the Arcto-Norwegian cod. *In*: D.A. Hancock and J.P. Beumer (ed.). Developing and sustaining world fisheries resources: The state of science and management. Proceedings (Vol. 1) of the Second World Fisheries Congress, 1996, Brisbane, Australia.
103. **Sumaila, U.R.** (1996). Uncertainty and the role of economics in reinventing fisheries management. *In*: Reinventing Fisheries Management. Fisheries Centre Research Reports 1996 Vol. 4 No. 2, p. 63.
104. **Sumaila, U.R.** (1996). Bioeconomics of a predator-prey system in the Barents Sea. *In* E.A. Babcock (ed.). Graduate student symposium on fish population dynamics and management. Fisheries Research Institute, University of Washington School of Fisheries, FRI-9611, 1996.
105. Pitcher, T., Gillette, V., Lee, T., Mackinson, S., Salas, S., and **Sumaila, U.R.** (1996). Skeena River Watershed Committee Demonstration Decision Analysis Workshop Report. Fisheries Centre, University of British Columbia, Vancouver, Canada (with Pitcher, T., V. Gillette, T. Lee, S. Mackinson, and S. Salas 1996).
106. Angelsen, A., Fjeldstad, O.H., and **Sumaila, U.R.** (1994). Project appraisal and sustainability in less developed countries. Chr. Michelsen Institute Report R 1994: 1.