

# Curriculum Vita

## D. G. Webster

Wrigley Institute for Environmental Studies  
University of Southern California  
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### Education

- 1997 B.A. Economics, Minor in Political Science, *summa cum laude*, Connecticut College  
Thesis Title: *Structural Adjustment in the Transformation from Command to Market Economies: Poland and Tanzania*
- 2004 M. A. Economics, University of Southern California  
Thesis Title: *Interactions Between Fishers and Communities: Civil Answers to Global Problems*
- 2005 Ph.D. Political Economy and Public Policy, University of Southern California  
Dissertation Title: *The Fortunes of Fishes and Fishers: The Political Economy of Innovations in Atlantic Resource Management*

### Research Experience

- 1999-2001 Graduate Research Assistant, The Beach Project, USC Coastal Community Research  
Project Manager, USC Coastal Community Research
- 2001-2004 Graduate Research Assistant, USC Marlin Management Project, USC Wrigley Institute for Environmental Studies  
Project Manager, USC Wrigley Institute for Environmental Studies
- 2005-date Post-doctoral Researcher/Project Manager, USC Wrigley Institute for Environmental Studies

### Publications

Webster, D.G. In review. Uncertainty as a Red Herring: Availability, Vulnerability, and the Precautionary Approaches. *Global Environmental Politics*.

Webster, DG. In review. Quasi-Property Rights & the Effectiveness of Atlantic Tuna Management. In Robin Allen, James Joseph, and Dale Squires, eds. *Conservation and Management of Transnational Tuna Fisheries*. Boston: Blackwell Publishing.

Webster, DG. In review. Fisheries. In Mark Rushefsky, et al., eds. *The Encyclopedia of Issues in US Public Policy*. New York: Thompson Gale.

Webster, DG. In press. *Adaptive Governance: The Dynamics of Atlantic Fisheries Management*. Cambridge, MA: The MIT Press.

Webster, D.G. 2007. Hakan Seckinelgin, *The Environment and International Politics: International Fisheries, Heidegger and Social Method* (Book Review). *International Environmental Agreements: Politics, Law and Economics* 7: 313-315.

Webster, D.G. 2007. Leveraging Competitive Advantages: Developing Countries' Role in International Fisheries Management. *Journal of Environment and Development* 16(1): 8-21.

Webster, D.G. 2006. The Marlin Conundrums: Turning the Tide for By-catch Species. *Bulletin of Marine Science* 79 (3): 561-575.

Kamrany, Nake & D.G. Webster. 2004. *A Developing World Economy: Unlimited Growth with Limited Population*. Los Angeles: Fundamental Books.

Pendleton, Linwood, Nicole Martin & D.G. Webster. 2001. Public Perceptions of Environmental Quality: A Survey Study of Beach Use and Perceptions in Los Angeles County. *Marine Pollution Bulletin* 42 (11): 1155-1160.

### **Papers & Posters Presented**

Webster, D.G. 2008. Adaptive Governance: Patterns from Vulnerability Response. International Studies Association 49<sup>th</sup> Annual Convention. San Francisco, CA. March 26-29, 2008.

Webster, D.G. 2007. Adaptive Governance: Implications for Climate Change. Dissertation Initiative for the Advancement of Climate Change Research (DISCCRS) III. Volcanoes, HI. September 10-17, 2007.

Webster, D.G. 2007. Innovation in International Fisheries Management: Prospects for Dealing with Climate Change. The Challenge of Change: Managing for Sustainability of Oceanic Top Predator Species. A National Science Foundation (NSF) – Community Building Workshop. Marine Science Institute – University of California, Santa Barbara. April 12-14, 2007.

Jacques, Peter and D.G. Webster. 2007. The Institutional Fitness Landscape: Modeling Complex Adaptations to Environmental Change. Greening XVI. Harvey Mudd College. April 21, 2007.

Webster, D.G. 2007. The Reformulation of Crisis: Communicating Urgency in a Complex World (Poster). International Studies Association 48<sup>th</sup> Annual Convention. Chicago, IL. February 28-March 3, 2007.

Webster, D.G. 2007. The Fortunes of Fishes and Fishers: The Political Economy of Innovations in Atlantic Resource Management. International Studies Association 48<sup>th</sup> Annual Convention. Chicago, IL. February 28-March 3, 2007.

Webster, D.G. 2006. Fishscape: An Exploratory Model of International Fisheries Negotiations. Empirical Implications of Theoretical Models Institute. Ann Arbor, MI. June 19-July 14, 2006.

Webster, D.G. 2006. The Fortunes of Fishes and Fishers: The Political Economy of Innovations in Atlantic Resource Management. 57<sup>th</sup> Annual International Tuna Conference. Lake Arrowhead, CA. 22-25 May 2006.

### **Teaching Experience**

2007 Policy, Planning and Development 570: Applied Statistics for Planning, Policy and Management (USC)

Guest Lecturer:

2003 Economics 350: Global Economics (USC)

- *Exchange Rates and Purchasing Power Parity*
- *Using Excel to Calculate Basic Economic Indicators*

2005 Environmental Studies 193CL: Coastal and Ocean Law and Policy (UCSB)

- *International Fisheries Management: The Case of the Giant Bluefin Tuna*
- Public Policy 290: Ocean Policy (UCLA)
- *Global Common Pool Resources: The Political Economy of International Fisheries*

2006 Biological Sciences 102: Humans and their Environment (USC)

- *Environment and Natural Resource Economics and Policy*
- *Political Economy of Oceans Resources*

2007 Biological Sciences 102: Humans and their Environment (USC) (Spring & Fall)

- *Environment and Natural Resource Economics and Policy*
- *Political Economy of Oceans Resources*

Teaching Assistantships (all at USC):

1998 Economics 203: Principles of Microeconomics

1999 Economics 340: Economics of Less Developed Countries

Economics 499: Environment & Natural Resource Economics

2002 Economics 203: Principles of Microeconomics

2003 Economics 350: Global Economics

### **Policy Research Experience**

Joint Meeting of Tuna RFMOs, 2007, Kobe, Japan

International Commission for the Conservation of Atlantic Tunas (ICCAT)

2001 17<sup>th</sup> Regular Meeting of the Commission, Murcia, Spain

2002 13<sup>th</sup> Special Meeting of the Commission, Bilbao, Spain

2003 18<sup>th</sup> Regular Meeting of the Commission, Dublin, Ireland

2004 14<sup>th</sup> Special Meeting of the Commission, New Orleans, USA

2005 19<sup>th</sup> Regular Meeting of the Commission, Seville, Spain

2006 15<sup>th</sup> Special Meeting of the Commission, Dubrovnik, Croatia

US ICCAT Advisory Committee (US IAC)

2001 Open Sessions, Silver Springs, Maryland

2003 Open Sessions, Silver Springs, Maryland

Inter-American Tropical Tunas Commission (IATTC)

2003 70<sup>th</sup> Meeting, Antigua, Guatemala  
 Agreement of the International Dolphin Conservation Program (AIDCP)  
 2003 9<sup>th</sup> Meeting of the Parties, Antigua, Guatemala  
 FAO Expert Consultation of the Regional Fisheries Management Bodies on the  
 Harmonization of Catch Certification  
 2002 La Jolla, California  
 Indian Ocean Tuna Commission (IOTC)  
 2001 6<sup>th</sup> Session, Victoria, Seychelles

### **Awards**

2007 Dissertation Initiative for the Advancement of Climate Change Research  
 Symposium Fellowship  
 2006 Empirical Implications of Theoretical Models Summer Institute Fellowship  
 2004 Rose Hills Fellowship for Research on Environmental Issues  
 2002 Tyler Fellowship for Dissertation Research on Environmental Issues  
 1997 Haynes Fellowship for Graduate Studies

### **Grants**

*Prepared with Principal Investigators Linwood Pendleton & Anthony F. Michaels:*

|           |  |                  |
|-----------|--|------------------|
| 2001-2004 | USC Marlin Management Project (Graduate Research Assistant, Project Manager) |                  |
|           | USC Wrigley Institute for Environmental Studies                              | \$50,000         |
| 2000-2001 | USC Fisheries Project (Project Manager)                                      |                  |
|           | USC Fish (gift account)  | \$315,000        |
|           | National Ocean and Atmospheric Administration                                | \$25,000         |
|           | University of Maryland Sea Grant   | \$25,000         |
|           | <u>Total</u>   | <u>\$365,000</u> |
| 1999-2001 | USC Beach Project (Graduate Research Assistant, Project Manager)             |                  |
|           | Santa Monica Bay Restoration Foundation                                      | \$118,000        |
|           | Minerals Management Services   | \$95,000         |
|           | SC2  | \$6,000          |
|           | State Water Resources Control Board  | \$15,000         |
|           | <u>Total</u>   | <u>\$234,000</u> |

### **Grant Proposals currently under Review**

*Prepared with Principal Investigators Dale Kiefer, Anthony F Michaels, Rob Lempert, & George Sugihara*

|           |   |             |
|-----------|---|-------------|
| 2008-2011 | Fishscape: Multi-level Simulation of International Fisheries Management<br>(Postdoctoral Researcher, will renegotiate as PI if faculty next year) |             |
|           | NSF Dynamics of Coupled Natural & Human Systems   | \$1,480,146 |
|           | Collaborative Project (USC, RAND, & Scripps)  |             |

### **Professional Associations**

American Economic Association  
 American Political Science Association  
 Association of Environmental and Resource Economists  
 International Studies Association

### **Research Interests**

- Social & ecological resilience of institutions in multi-level collective action settings
- Macro-level impacts of loss aversion and other decision-making biases on public responses to global environmental problems
- Cognitive bias and the role of science in environmental management
- Improving flows of information between academia, industry, decision makers & individuals in order to enhance our environmental problem-solving capabilities
- Modeling the impacts of economic change and international management on the abundance of highly migratory species of fish (with CLimate Impacts on Oceanic TOP Predators -- CLIOTOP)

### **Teaching Possibilities**

- Where Money Meets Power: Theories of Political Economy
- The Big Picture: Methodological Issues associated with Interdisciplinary Research
- Environmental Policy: Interest Groups, Bureaucracy, Politicians & the Public
- Cooperation and Exclusion: Non-governmental Solutions to Conflicts over Natural Resources
- The Evolution of Environmental Governance: From Encouraging Extraction and Mitigating Conflicts to Managing Sustainably
- International Fisheries Management: Entrepreneurship, Competition & Negotiation
- Economic Development and Natural Resources: Why Politics Matter
- Cognition & Social Institutions: Shortcuts to Serenity