

## CURRICULUM VITAE

**Brynhildur Davíðsdóttir** [bdavids@hi.is](mailto:bdavids@hi.is)

**Professor, Environment and Natural Resources, University of Iceland**

### Education

2002	PhD degree	<b>Boston University</b> , Energy and Environmental analysis
1995	MA(dual)	<b>Boston University</b> , International relations/resource and environmental analysis
1991	BSc	University of Iceland, Biology and preparatory degree (now diploma) in Economics

### Selected Professional Academic Experience

2014 -	Director, University of Iceland, Arctic initiative
2013 -	Professor, University of Iceland, Environment and Natural Resources
2006 -	Associate Professor, University of Iceland. Environment and Natural Resources
2004 - 2006	Adjunct professor Boston University, research associate University of Maryland
2004 - 2006	Associate at Abt Associates Inc. ( <a href="http://www.abtassociates.com">http://www.abtassociates.com</a> ).
2002 – 2004	Research assistant professor/lecturer Boston University

### Administration, Selected Research and Government Projects and Professional Experience

2015 -	Principal-Investigator, Assessing GhG mitigation actions for Iceland, Funded by the Ministry of Environment and Natural Resources
2014 -	Node Leader, GREENMAR, Funded by Nordforsk.
2014 -	Principal-Investigator, Nordbio: Assessing sustainability criteria for Nordic Bio-resources
2014 -	Board member, Climate Research Foundation
2012 -	Principal-Investigator, Indicators for Sustainable Energy Development; funded by the Icelandic Research Council.
2012 -	Principal-Investigator, Nordic Energy Technology Perspectives, funded by the International Energy Agency and Nordic Energy Research.
2011 -	WP/node/dimension Leader, NORDSTAR, Center of Excellence, Funded by Nordforsk.

### Scientific publications

#### Key relevant publications

1. Maack, M., B. Davidsdottir, 2015. Five capital impact assessment: appraisal framework based on theory of sustainable well-being, Sustainable and Renewable Energy Reviews, in Press.
2. Olafsson, S., D Cook, B Davidsdottir, L Johannsdottir. 2014, Measuring countries' environmental sustainability performance—A review and case study of Iceland, Renewable and Sustainable Energy Reviews 39, 934-948
3. IEA, 2013, Nordic Energy Technology Perspectives Pathways to a Carbon Neutral Energy Future, IEA and NER, Paris. (BD PI)
4. Shafiei E., H Stefansson, El Asgeirsson, B Davidsdottir, M Raberto, 2013, Integrated Agent-based and System Dynamics Modelling for Simulation of Sustainable Mobility, Transport Reviews, pages. Volume 33 Issues 1. 1-27.
5. Shafiei, E. B. Davidsdottir, J. Leaver, H. Stefansson, E.I. Asgeirsson, (2014). "Potential Impact of Transition to a Low-Carbon Transport System in Iceland". Energy Policy, Volume 69, pp. 127–142.
6. Ogola, F.P.A., Davidsdottir B., Fridleifsson, I.B., 2012, Opportunities for adaptation-mitigation synergies in geothermal energy utilization: Initial conceptual frameworks, Mitigation and Adaptation Strategies for Global Change vol. 17 issue 5 June 2012. pages. 507 – 536
7. Davidsdottir, B., 2010, Sustainable development, human wellbeing and forest ecosystem services. Published in: Konijnendijk, C.C. and H. Jóhannesdóttir (eds.). Forestry serving urbanised societies in the North Atlantic Region. TemaNord 2010:577. Nordisk Råd, Copenhagen
8. Davidsdottir, B., 2010, Ecosystem services and human-wellbeing. Valuing ecosystem services pages 16 – 24, Þjóðarspejillinn 2010. In Research in Social Sciences X: The departments of economics and business, University of Iceland.
9. Ruth, M. and B. Davidsdottir (eds.), 2009, The Dynamics of Regions and Networks in Industrial Ecosystems, Edward Elgar Publishing, UK. 264 pp.
10. Ruth M og B. Davidsdottir (eds.), 2008, Changing Stocks Flows and Behaviors in Industrial Ecosystems, Edward Elgar Publishing, USA. 149 pp.
11. B. Davidsdottir, 2003, Management of the Commons: Social Behavior and Resource Extraction, in Dynamic Modeling of Marine Conservation, Springer Verlag.