



Seminar, Tuesday 21. March 9:30-16:00:

«Valuation of ecosystem services for practical use in Norway and internationally»

Purpose: Transport, energy and other sectors are making unprecedented changes to the environment in many countries. Decision-makers, analysts and researchers are struggling to find reliable methods to assess trade-offs between benefits and costs. The ecosystem service concept is increasingly used and sought operationalised in various practical applications, such as environmental impact assessments, cost-benefit analyses (CBA), spatial planning and natural resource damage assessments. Its strength lies in its emphasis on the welfare effects of projects and policies for affected people. Non-market valuation is a methodological toolbox used to quantify and value these welfare impacts in monetary terms. The purpose of the seminar is to share experiences of the applications of these methods for practical use in Norway and internationally, and discuss challenges, opportunities and next steps for further use and refinement.

Time and venue: Tuesday 21. March 9:30-16:00 at [Best Western Karl Johan](#) Karl Johans gate 33 0162 Oslo. Phone: +47 23 16 17 00 (between Stortinget & Nationaltheatret T-bane)

Registration Seminar is fully subscribed (ca. 75 participants). Pls notify Henrik if you cannot come: henrik@menon.no or **SMS 98 26 39 57**. Participation, including lunch is free.

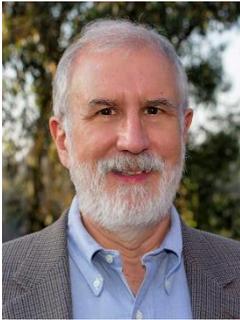
Organisers: Kristin Magnussen, Ståle Navrud and Henrik Lindhjem at [Menon Centre for Environmental and Resource Economics \(MERE\)](#) & Gorm Kipperberg at the University of Stavanger.

Co-hosts: Norw. Environment Agency & Norw. Coastal Administration

Target audience: Policy-makers, government analysts, researchers & consultants.

Time	Presentation title	Presenter
9:30 - 9:45	Welcome by Norwegian Environment Agency (NEA) & Norwegian Coastal Administration (NCE)	Guro B. Ringlund, NEA / Cedric Baum, NCA <u>Chair for the day:</u> Ståle Navrud, NMBU
9:45 - 10:00	Motivation and background for the seminar	Henrik Lindhjem, Menon & Gorm Kipperberg, UIS
10:00 - 10:40	Valuing marine ecosystem services loss from oil spills for use in CBA of preventive Measures	Ståle Navrud, NMBU & Menon
10:40 - 11:30	What Are U.S. Households Willing to Pay To Avoid the Harm to the Environment From the Deepwater Horizon Oil Spill?	Richard Carson, University of California, San Diego
11:30 - 12:10	Use of economic valuation in environmental assessments in the US	John Loomis, Colorado State University
12:10 -12:50	Lunch	
12:50 - 13:30	Valuation of ecosystem services and practical use in Australia	John Rolfe, Central Queensland University
13:30 - 14:10	Ecosystem service valuation and value transfer in CBAs in the US - Some examples	Richard Ready, Montana State University
14:10 - 14:20	Coffee break/fruit	
14:20 - 15:00	Spatial valuation of Amazon forest losses	Jon Strand, University of Oslo (formerly the World Bank)
15:00 - 16:00	Status of ecosystem service valuation and practical use in Norway – Challenges, opportunities and next steps. Discussion	Intro to discussion: Kristin Magnussen, Menon

About our international guest presenters



Richard Carson

Richard Carson is a Distinguished Professor of the Department of Economics at the University of California, San Diego, USA. One of the fathers, if not *the* father, of the survey based valuation method *contingent valuation*, professor Carson has made a huge impact on the way we think about how to measure the contribution of the environment to our welfare. He served as principal investigator on the economic damage assessments for the Exxon Valdez oil spill in 1989 for the State of Alaska. Carson has extensive experience in assessing the benefits and costs of environmental policies.



John Loomis

John Loomis is professor at the Colorado State University, USA. He has for four decades been an international leader in the field of environmental and resource economics. His research has fundamentally shaped economic valuation of non-marketed natural resources and the use of such values by government agencies. John's scholarly contributions (he has published four books and over 250 refereed journal articles) and his contributions to practical applications of non-market valuation to government programs and policy are highly significant.



John Rolfe

John Rolfe is a resource economist who is Professor of Regional Economic Development in the School of Business and Law at the CQ University at Rockhampton, Australia. John has a number of research interests, but specialises in non-market valuation, regional development, environmental, resource and agricultural economic issues, agricultural adoption, and economic impact assessment in regional areas. Professor Rolfe has extensive practical and policy experience with agricultural and environmental issues in Australia.



Richard Ready

Richard Ready is professor at the Department of Agricultural Economics and Economics, Montana State University, USA. He has worked extensively on the use of non-market valuation methods and value transfer methods in areas of fisheries and wildlife management, agriculture and conservation, landscape changes, waste management, climate change and renewable energy, to mention a few areas. He has a connection to Norway and has previously been a visiting researcher at NMBU at Ås for several years.

The seminar is organised in association with and support from the project «Coast-benefit: Ecosystem Service Valuation For Coastal Zone Management: From Promise to Practice» funded by the Norwegian Research Council, and with financial support from Norwegian Environment Agency and Norwegian Coastal Administration.

