

## CURRICULUM VITAE

Henrik Meilby, Associate Professor, Head of Section

|  |   |  |                          |                          |
|--|---|--|--------------------------|--------------------------|
| <b>Profile</b>                                     | Henrik Meilby, born September 20, 1963. During the last 15 years much of his research has been done in relation to collaboration projects with universities in developing countries. Most of the work has dealt with the interaction between rural communities and their local environment and emphasised issues related to monitoring and measurement of forest and environmental resources, resource modelling, sustainability of local resource management, rural livelihoods, and impact of resource management on biodiversity and forest dynamics. Furthermore, some of his work has considered effects of climate (change) on the vegetation, both in developing countries and in Greenland. Henrik is head of the Section for Environment and Natural Resources and is occasionally involved in public consultancy work for the Danish Nature Agency. |  |                          |                          |
| <b>Education</b>                                   | 2000  | PhD, The Royal Veterinary and Agricultural University, Copenhagen  |                          |                          |
|  | 1992  | MSc (Forest Science), The Royal Veterinary and Agricultural University, Copenhagen   |                          |                          |
| <b>Employment</b>                                  | 2006-   | Associate professor, Natural Resource Sampling and Modelling, Forest & Landscape (2006-2012) and Department of Food and Resource Economics (2013-), University of Copenhagen |                          |                          |
|  | 2000-2006   | Associate professor (temporary position), Mensuration and Modelling, Department of Economics and Natural Resources, The Royal Veterinary and Agricultural University         |                          |                          |
|  | 1996-1999   | Assistant professor, Mensuration, Department of Economics and Natural Resources, The Royal Veterinary and Agricultural University  |                          |                          |
| <b>Professional activities</b>                     | 2001, 2005, 2006, 2007, 2016  | Stays with a duration of more than one month at universities in developing countries, including Bolivia (2001) and Nepal (2005, 2006, 2007, 2016)                            |                          |                          |
|  | 2004-   | Assessment committee member for 10 PhD theses in DK and abroad   |                          |                          |
|  | 2003-   | Supervision and co-supervision of 18 PhD students, 12 finished and 6 ongoing   |                          |                          |
|  | 2003, 2004, 2005  | Research stays (3, 2 and 2 months, respectively) at University of Illinois, Champaign-Urbana, USA  |                          |                          |
|  | 2006, 2007-2010   | Head of studies for the MSc programme in Forest and Nature Management, University of Copenhagen  |                          |                          |
|  | 2002-   | Reviewer for various journals, e.g. For. Ecol. Manag., J. Env. Manag., Rem. Sens. Env., For. Pol. Econ., Scand. J. For. Res., J. For. Econ., Ann. For. Sci.                  |                          |                          |
|  | 2001-2003   | Chairman of the research committee at the Department of Economics and Natural Resources, The Royal Veterinary and Agricultural University,                                   |                          |                          |
| <b>Teaching activities within the last 5 years</b> | <b>Period</b>   | <b>Course name</b>   | <b>BSc/MSc/PhD, ECTS</b> | <b>Responsible (Y/N)</b> |
|  | 2016-   | Applied Statistical Modelling in Forest and Natural Resource Assessment and Planning   | PhD, 4 ECTS              | N                        |
|  | 2006-   | Natural Resource Sampling and Modelling  | MSc, 7.5 ECTS            | Y                        |
|  | 2010-   | Forest and Nature Management   | MSc, 15 ECTS             | Y (50%)                  |

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|-----------|---|---------------|---|
|           | Planning  |               |   |
| 2014-2015 | Ecosystem Services from Forest and Nature   | MSc, 7.5 ECTS | N |
| 2011-     | Naturressourcer - forvaltning og økonomi (Natural resources – management and economics) | BSc, 7.5 ECTS | N |

## PUBLICATIONS AND GRANTS

### Selected publications (maximum of 10 publications)

Locally optimized separability enhancement indices for urban land cover mapping : exploring thermal environmental consequences of rapid urbanization in Addis Ababa, Ethiopia. / Feyisa, Gudina L.; Meilby, Henrik; Darrel Jenerette, G.; Pauliet, Stephan.

In: Remote Sensing of Environment, Vol. 175, 2016, p. 14-31.

How could the bushmeat trade in the Kilombero Valley of Tanzania be regulated? Insights from the rural value chain. / Nielsen, Martin Reinhardt; Meilby, Henrik; Smith-Hall, Carsten.

In: Oryx, Vol. 50, No. 01, 2016, p. 84-93.

Operationalizing measurement of forest degradation : identification and quantification of charcoal production in tropical dry forests using very high resolution satellite imagery. / Dons, Klaus; Smith-Hall, Carsten; Meilby, Henrik; Fensholt, Rasmus.

In: International Journal of Applied Earth Observation and Geoinformation, Vol. 39, 2015, p. 18-27.

Growth response to climatic change over 120 years for *Alnus viridis* and *Salix glauca* in West Greenland. / Jørgensen, Rasmus Halfdan; Hallinger, Martin; Ahlgrimm, Svenja; Friemel, Juliane; Kollmann, Johannes; Meilby, Henrik.

In: Journal of Vegetation Science, Vol. 26, No. 1, 2015, p. 155-165.

Automated Water Extraction Index : a new technique for surface water mapping using Landsat imagery. / Feyisa, Gudina Legese; Meilby, Henrik; Fensholt, Rasmus; Proud, Simon Richard.

In: Remote Sensing of Environment, Vol. 140, 2014, p. 23-35.

Regeneration and management of lesser known timber species in the Peruvian Amazon following disturbance by logging. / Karsten, Rune Juelsborg; Meilby, Henrik; Larsen, Jørgen Bo.

In: Forest Ecology and Management, Vol. 327, 2014, p. 76-85.

Are forest incomes sustainable? Firewood and timber extraction and productivity in community managed forests in Nepal. / Meilby, Henrik; Smith-Hall, Carsten; Byg, Anja; Larsen, Helle Overgaard; Nielsen, Øystein Juul; Puri, Lila; Rayamajhi, Santosh.

In: World Development, Vol. 64, No. Supplement 1, 2014, p. s113-s124.

Does participatory forest management promote sustainable forest utilisation in Tanzania? / Treue, Thorsten; Ngaga, Y.M.; Meilby, Henrik; Lund, Jens Friis; Kajembe, G.; Iddi, S.; Blomley, T.; Theilade, Ida; Chamshama, S.A.O.; Skeie, Kat; Njana, M.A.; Ngowi, S.E.; Isango, J.A.K.; Burgess, Neil David.

In: International Forestry Review, Vol. 16, No. 1, 2014, p. 23-38.

Regeneration in canopy gaps of tierra-firme forest in the Peruvian Amazon : comparing reduced impact logging and natural, unmanaged forests. / Karsten, Rune Juelsborg ; Jovanovic, Milos; Meilby, Henrik; Perales, Emilio; Reynel, Carlos.

In: Forest Ecology and Management, Vol. 310, 2013, p. 663-671.

Quotas on narwhal (*Monodon monoceros*) hunting in East Greenland : trends in narwhal killed per hunter and potential impacts of regulations on Inuit communities. / Nielsen, Martin Reinhardt; Meilby, Henrik.

In: Human Ecology (New York), Vol. 41, No. 2, 2013, p. 187-203.

### **Grants (maximum of 5 grants)**

REDD+: The forest grab of all times? 2014-17, collaboration project with Bogor Agricultural University, Hanoi University of Agriculture, and Roskilde University (€500,000, Danida), partner applicant, PhD supervisor.

Transitioning to Green Growth, Nepal (TGG-N), 2014-18, collaboration project with Central Department of Botany, Tribhuvan University, The Agriculture and Forestry University, and the Federation of Community Forestry Users, Nepal (€500,000, Danida), project participant, PhD supervisor.

Science and Power in Participatory Forest (SCIFOR), 2014-18, collaboration project with Institute of Forestry, Pokhara, Nepal and Sokoine University of Agriculture, Morogoro, Tanzania (€500,000, Danida), project participant, PhD supervisor.

Climate smart cocoa systems for Ghana (CLIMCOCOA), 2016-2020, south-driven collaboration project led by University of Ghana, Cocoa Research Institute of Ghana, World Agroforestry Centre, International Institute of Tropical Agriculture and Roskilde University (€300,000, Danida), project participant.

Access and eXclusion along the Charcoal Commodity Chain in Ghana (AX), 2015-19, collaboration project with University of Ghana and Kwame Nkrumah University of Science and Technology (€500,000, Danida), project participant.

### **Quantitative performance indices in Scopus**

Scientific peer-reviewed papers: 56

H-index: 11