

RESEARCH

**at the Department of International Environment and
Development Studies, Noragric**



- Interdisciplinary: IEDS - Multi-disciplinary & Interdisciplinary field; Noragric strives to promote interdisciplinarity (Social sciences, Natural sciences)
- Institutional collaboration with partners in the South, E. Europe and the North
- Linked to capacity building
- Noragric's PhD programme –an integral and important component
- Master students' research
- Publications: Refereed journals; scientific monographs & anthologies
- Popularisation; Participation in public debates



- Scientific staff: 21.3 person years (2009)
- PhD students: 31 (Africa – 14, Asia – 5, Norway – 11, Iceland – 1)
- Research Clusters: 6
- Current Research Projects (Staff+PhD): 47
- Scientific publications:

2009:

35 articles in refereed journals

3 chapters in scientific anthologies

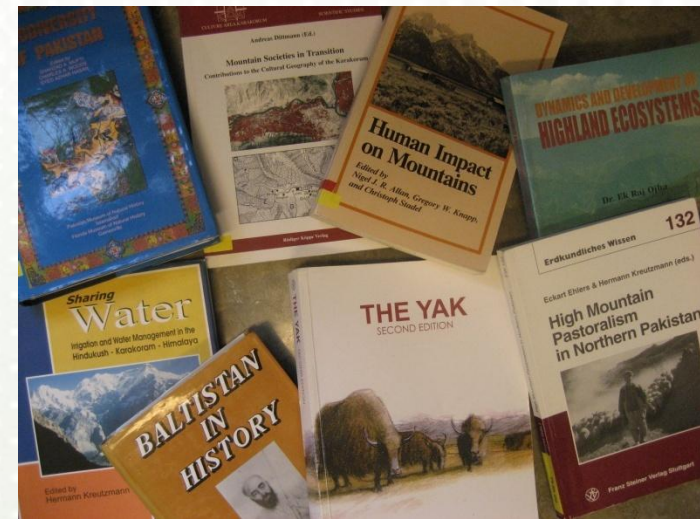
Total publication points: 29.9

2008:

33 articles in peer reviewed journals

15 chapters in scientific anthologies

Total publication points: 35.22



Research Clusters at Noragric

- Environmental Governance and Protected Areas (ENGOPA)
- Conflict, Human Security & Development (CHSD)
- Agricultural Development, Livelihood and Environmental Change (ADLEC)
- Governance and Climate Change (GovClim)
- Resources, Risk and Governance – Net (RRG-Net)
- Rights, Accountability & Power in Development (RAPID)

Environmental Governance and Protected Areas (ENGOPA)

Cluster Leader: Pål Vedeld

Research Projects: 16; (Staff: 4, PhD: 12)

Research areas:

- Focus on global conventions & governance levels, and links to regional, trans-boundary and down to national and local levels
- Governance structures, policy formulation and implementation
- Protection as a distinct policy measure and instrument
- Power and elite captures of local resources
- Decentralization and participation
- Knowledge and power
- Rights-based and participatory development
- Institutions; attitudes, values and norms
- Poverty, livelihoods, resource dependence and conflicts

Conflict, Human Security & Development (CHSD)

Cluster Leader: Ingrid Nyborg

Research Projects: 8 (Staff: 4, PhD: 4)

Research areas:

- Human security in conflict/post conflict, war/post war situations
- Conflict/post conflict institution building
- Human security and human rights
- Health and conflict
- Livelihood security and revival in conflict and post-conflict contexts; Resettlement and reintegration
- Resource conflicts, negotiations and human security
- Seed systems and security in conflict/post-conflict and post-disaster situations

Agricultural Development, Livelihood and Environmental Change (ADLEC)

Cluster Leader: Jens Aune

Research Projects: 19 (Staff: 12 –of which 5 in S. E. Europe; PhD: 7)

Research areas:

- Adaptation and mitigation of climate change in rural areas
- Livelihood security of rural households
- Improved farming methods
- Management of agricultural biodiversity
- Agricultural policies and trade
- Environmental impacts of agricultural production

Governance and Climate Change (GovClim)

Cluster Leader: Arild Vatn

Research Projects: 7 (Staff: 4, PhD: 3)

Research areas:

- *Governance*
 - General issues concerning environmental governance
 - New governance structures and development models
 - Linking the local and global levels → multilevel governance
 - The dynamics of (local) governance structures; implications for and access to livelihoods, conflicts and human motivation
 - Legitimacy – participation, access to decision making, accountability
 - Robustness
- *Governance and climate change*
 - Mitigation and adaptation
 - Climate change as an application area for the above more general issues.
Focus: Conflict-Cooperation; Distribution of costs

Resources, Risk and Governance – Net (RRG-Net)

Cluster Leader: Gufu Oba

Research Projects: 2 (PhD projects)

Research areas:

- Resources: The potential for adaptation; Different natural systems' resilience and variability and the goals of the users.
- Risk: Bridging the gaps between resource adaptations and social demands in the face of external & internal drivers of risks. How different natural systems exposed to comparable environmental variability respond to systems management.
- Governance: Socio-political perspectives of management, drivers of policy, formal and informal systems. Governance and risk reduction in management of natural systems with reference to risks such as those caused by insecurity of tenure.

Rights, Accountability & Power in Development (RAPID)

Cluster Leader: Randi Kaarhus

Research Projects: 7 (Staff: 4, PhD: 3)

Research areas:

- Formalisation of land and resource rights in developing countries
- Equal rights vs. asymmetric power relationships in developing countries
- Competing claims to resources under different development models
- Normative principles in development processes
- Political and legal accountabilities in relation to human rights and democratic participation
- Knowledge, power and accountability in development processes

Projects

Environmental Governance and Protected Areas (ENGOPA)

Research Projects:

Protected Areas and Poverty in Africa (PAPIA) – Uganda and Tanzania (2008-2012). (NFR)

-- *Partners:* Noragric - Norwegian Institute for Nature Research (NINA) - Faculty of Forestry & Nature Conservation, Makerere University

-- *Noragric contact:* Paul Vedeld



Ekosiasa

The Political Ecology of Wildlife and Forest Governance in Tanzania. (SIU/NUFU)

-- *Partners:* Noragric - Norwegian Institute for Nature Research (NINA) - Sokoine University of Agriculture (SUA) - Institute of Resource Assessment (IRA), University of Dar-es-Salaam, Tanzania

-- *Noragric contact:* Tor A. Benjaminsen

Engopa – Research Projects cont.

Conservation of Biodiversity and Sustainable Use of Natural Resources in India. (MFA)

-- *Partners:* Noragric - Ashoka Trust for Research in Ecology and the Environment (ATREE), Bangalore, India.

-- *Noragric contact:* Bishal Sitaula

Coastal Fisheries of Tanzania (SIU/NUFU)

-- *Partners:* Noragric - University of Dar es Salaam, Tanzania

-- *Noragric Contact:* Ian Bryceson

PhD Projects:

Carbon Sequestration Schemes: Effects on Management of Tree Resources and Rural Poverty in Uganda (2004-2010).

- Partners: Noragric - Makerere University, Uganda
- PhD student: Charlotte Nakakaawa

Actors and Discourses: Conflicting claims to the Dukuduku Forest, Kwa-Zulu Natal, South Africa (2007-2011).

- PhD student: Frode Sundnes

Conflicts and Decentralized Forest Management in Ethiopia (2004-2009).

- Partners: Noragric – Wondo Genet College of Forestry, Ethiopia
- PhD student: Abebe Seifu Welde Tsadik.

Social-Ecological Changes Affecting the Livelihoods of Fishing Communities in the Current Phase of Globalisation: A case study from Mafia island, Tanzania. (2008 – 2011)

- Partners: Noragric - University of Dar-es-Salaam, Tanzania
- PhD student: Victoria Moshy

Engopa – PhD Projects cont.

The Effects of Increased Fishing Pressure on the Ecological Resilience of Targeted Groupers (Serranidae) and the Livelihoods of Fishing Families in Mafia island, Tanzania.

(2008 – 2011)

-- Partners: Noragric - University of Dar-es-Salaam, Tanzania

-- PhD student: Lydia Gaspare

Perceptions of Landscape Changes Among Stock Farmers in Namaqualand, South Africa (2004-2011).

-- Partners: Noragric - Programme for Land and Agrarian Studies (PLAAS), University of Western Cape, South Africa

-- PhD student: Eirin Hongslo

The political ecology of conservation of the mountain Gorilla at Bwindi Impenetrable National Park, Uganda. (2007 – 2011).

-- Partners: Noragric – Makerere University

-- PhD student: David Mwesigye Tumusiime

Institutional analysis of transboundary biodiversity management: Protected areas on Mt. Elgon, Uganda and Kenya. (2006 – 2010).

-- Partners: Noragric – Icelandic Forest Research

-- PhD student: Jon Geir Petursson

Engopa –PhD projects cont.

Participatory aspects of Enduimet Wildlife Management Area and Kilimanjaro National Park in villages on the western slopes of Mount Kilimanjaro, Tanzania (2009 - 2012).

- Partners: Noragric – Sokoine Univ. of Agriculture, Tanzania
- PhD student: Sayuni Mariki

Opportunities and challenges of linking forest conservation and livelihoods in community based forest management: The case of Duru- Haitemba Forest Reserve (2009 - 2012).

- Partners: Noragric - Sokoine Univ. of Agriculture, Tanzania
- PhD student: Joseph Perfect Mrema

State Formation and the Impact of Foreign aid in Malawi (2008-2011).

- Partners: Noragric - University of Malawi
- PhD student: Øyvind Eggen(NUPI)

Probing Human-Wildlife Interaction in Human-Dominated Multi-Use Landscapes in Rural India. (2009 – 2013)

- Partners: Noragric - NINA
- PhD student: Sunetro Ghosal

Conflict, Human Security & Development (CHSD)

Research Projects:

Rural Development in NWFP, Pakistan: Understanding food and livelihood security in post conflict contexts (2010) (NORAD)

- Partners: Noragric and CIIT
- Noragric contact: Ingrid Nyborg

Post-war Livelihood and Environmental Studies (2008-2012). The NUCOOP project: Southern Sudan. (SIU/NUFU)

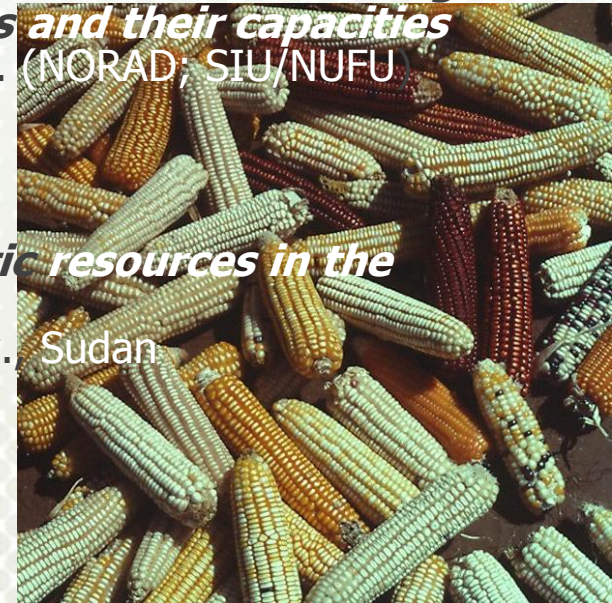
- Partners: Noragric - Juba Univ., Sudan - Upper Nile Univ., Sudan
- Noragric contact: Trygve Berg

Resettlement of Returnees, Resource Conflicts and Livelihood Building in South Sudan: An assessment of the institutions and their capacities at the local level in Eastern Equatoria (2009-2010). (NORAD; SIU/NUFU)

- Partners: Noragric - Juba University, Sudan
- Noragric contact: N. Shanmugaratnam

Origins and survival of maize and sorghum genetic resources in the Sobat corridor of the Upper Nile in the Sudan.

- Partners: Noragric - Juba University – Upper Nile Univ., Sudan
- Noragric contact: Trygve Berg



PhD Projects:

Health Consequences of Civil War in Africa.

- Partners: Noragric - International Peace Research Institute (PRIO), Oslo
- PhD student: Christin Ormhaug

The shifting sands of the Horn of Africa politics: Evolution and securitization of Islamism in Somalia.(2007-2010).

- Partners: Noragric - Institute for Security Studies, Nairobi, Kenya
- PhD student: Mohamed Guyo

Politics and Property Rights in Arsi East Shewa Zones, Ethiopia.

- Partners: Noragric - Addis Ababa University, Ethiopia
- PhD student: Hussein Jemma Sheymo

Development narratives, security and livelihood realities in Pakistan's North West Frontier Province (2009 – 2013). (HEC, Pakistan)

- PhD student: Kashif Saeed Khan

Agricultural Development, Livelihood and Environmental Change (ADLEC)

Research Projects:

PLAN Klimatilpasning i Norge (2007 – 2011) (NFR)

Partners: Department of Sociology and Human Geography, University of Oslo, NIBR, met.no, CICERO, FNI, University of Bergen, University of Tromsø

Noragric Contact: Siri Eriksen

Solar transitions (2009 – 2013) (NFR)

Partners: Department of Sociology and Human Geography, University of Oslo, SUM, SWECO Norge AS, TERI India, Inter University Centre of Technology, Work and Culture, Austria CAMCO, African Centre for Technology Studies, Integrated Energy Solutions, Norwegian Church Aid.

Noragric Contact: Siri Eriksen

Facilitating the Adoption of Conservation Agriculture by Resource Poor Smallholder Farmers in Malawi (2007-2011). (MFA)

-- Partners: Noragric - Agriculture Research and Development Program (ARDEP) - Bunda College, Malawi

-- Noragric contact: Fred H. Johnsen

Adlec – Research Projects cont.

Adaptation of Agriculture and Livestock to Climate Change in Mali (2010 – 2015) (MFA)

-- Partners: Noragric – Institut d'Economie Rurale

-- Noragric contact: Jens Aune

Adaptation to Climate Change in Mali (2010 – 2012)

-- Partners: Noragric – Institut d'Economie Rurale, Drylands Coordination Group (DCG)

-- Noragric contact: Jens Aune

Conservation agriculture in Zambia (2008 – 2011)(MFA)

-- *Partners:* Conservation Farming Unit

-- *Contact:* Fred H. Johnsen and Jens Aune

Intensification of cereal crop production in semi-arid highlands of Ethiopia through conservation tillage, micro-fertilising and seed priming: An eco-farm system approach. (2009 - 2012) (NORAD)

-- *Partners:* Hawassa University

-- *Contact:* Jens Aune

PhD projects:

Impacts of Agricultural Intensification on Socio-economic Conditions and Soil and Water Quality in Kavre District, Nepal (2004-2009).

- Partners: Noragric – Kathmandu University
- PhD student: Bed Mani Dahal

Reversing Household Food Insecurity Through Conservation Agriculture: Socio-economic impact of conservation farming in Zambia (2008-2011). (MFA)

- Partners: Noragric - University of Zambia
- PhD student: Progress Hanzwida Nyanga

From Maize Mono-cropping to Conservation Agriculture: A Multi-perspective Analysis of Smallholder Conservation Agriculture in Southern, Central and Eastern Zambia. (2008-2011). (MFA)

- Partners: Noragric - University of Zambia
- PhD student: Bridget Bwalya Umar

Environmental and Health Impacts of Pesticide Use in Central Nepal (2007-2011).

- Partners: Noragric - University of Kathmandu, Nepal
- PhD student: Kishor Atreya

Agricultural intensification and grazing: linking farmers' practices and greenhouse gases emission with implication for policy. (2008-2011).

- Partners: Noragric - Kathmandu University, Nepal
- PhD student: Nani Raut

Biofuels and access to energy in rural livelihoods in East Africa (Tanzania). (2008 – 2012)

- PhD student: Lars Kåre Grimsby

Conservation Agriculture in Malawi and assessment of agronomic, economic and social factors (2010 – 2013)

- PhD student: Robert Amos Ngwira



Governance and Climate Change (GovClim)

Research Projects:

Poverty and sustainable development impacts of REDD architecture: options for equity, growth and the environment (2009 2010)

Partners: IIED

Contact: Arild Vatn

Learning from REDD: A Global Comparative Analysis (2009 - 2012)

Partners: CIFOR

Contact: Arild Vatn

Policy responses for prevention of human induced climate change

Contact: Clive Spash

Environmental policy and human action (2009 - 2012)

Contact: Arild Vatn

PhD Projects:

Can a Combination of Policy Instruments Increase the Effectiveness and Public acceptability of Environmental Policies in Norway. (2008-2011)

-- Partners: Noragric - Cicero

-- PhD student: Marianne Aasen

Environmental Policy and Human Action (2009 – 2012).

-- PhD student: Marit Heller

The effects of humanitarian interventions on climate vulnerability- repeated food distribution and seed security in North Western Nepal (2010 – 2014)

-- PhD student: Sigrid Nagoda

Resource, Risk and Governance-Net (RRG-Net)

Research Projects (PhD):

The Transformation of Waso Boran Pastoral Production – Crisis and Recovery: An assessment of gender roles, land rights and poverty alleviation
(2007-2010).

-- PhD student: Zeinabu Khalif

Environmental and Social History of the Ancient Tula Wells, 1700- 2008: Dynamics and Human Responses.
(2006 – 2010).

-- Partners: Noragric - University of Hawassa, Ethiopia

-- PhD student: Waktole Tiki Uma

Rights, Accountability and Power in Development (RAPID)

Research Projects:

Developing nutrition interventions for improved health and productivity. (MFA)

- Partners: Noragric - Sokoine University of Agriculture, Tanzania
- Noragric Contact: Randi Kaarhus

Farmer empowerment. (MFA)

- Partners: Noragric - Sokoine University of Agriculture, Tanzania
- Noragric Contact: Randi Kaarhus

In the Shadow of a Conflict: Impacts of Zimbabwe's Land Reform on Rural Poverty and Development in Mozambique, South Africa and Zambia (2007-2010). (NFR)

- Partners: Noragric - Institute of Poverty, Land and Agrarian Studies (PLAAS), University of Western Cape, South Africa
- Noragric contact: Bill Derman

Land Rights and Agrarian Change in Rural South Africa. (2010)
-- Partners: University of Oslo (Norwegian Centre of Human Rights) and the Programme for Land and Agrarian Studies (PLAAS), University of Western Cape, South Africa.
-- Noragric contact: Bill Derman

PhD projects:

Between conservation and development: Quilombola communities' struggle over resources in the Ribeira Valley, Brazil. (2009 – 2013)

-- PhD student: Kjersti Thorkildsen

After Doha – Bringing the Rights back In: A strategic choice exploration of prospects for a social clause in the WTO (2006-2010).

-- PhD student: Simon Pahle

Transgressing Economic Boundaries: Gender, Commodification and Social Change in Zanzibar.

-- PhD student: Hege Wallevik

Norwegian South Eastern Europe (SEE/WB) Programme in Agriculture

5 Research projects

-- Contact at Noragric: Mensur Vegara

-- Partner institutions in Albania, Bosnia, Herzegovina, Croatia, Kosovo, Macedonia, Serbia, Montenegro (8 countries), and in Norway:

6 UMB departments + Bioforsk; Norwegian Forest & Landscape Institute; Norwegian School of Veterinary Medicine

Research Projects:

- * Sustainable selection programme for salmonid strains of the river Neretva.
- * Novel and local feed components for rainbow trout.
- * Improving nutritional quality and safety of food and fodder crops in South Eastern Europe.
- * GIS and remote sensing for mapping and monitoring in forestry and agriculture.
- * Standardization of Technology and Chemical, Physical and Microbiological Quality Characteristics of Autochthonous White Pickled (Travnički) and Hard (Livanjski) Cheese in Bosnia and Herzegovina.