

STRATEGIC SCIENTIFIC PLAN 2009-2012

Department of Ecology and Natural Resource Management (INA), Norwegian University of Life Sciences

VISION

INA shall be a vigorous educational and scientific environment for increasing our knowledge of the natural environment and man's use of natural resources.

VALUES

- Objectivity
- Quality and compliance
- Inquisitiveness and openness
- Team spirit

SCIENTIFIC DISCIPLINES

INA's activities (teaching, research and community contact) take place within several areas. INA places emphasis on a systems approach for its activities through describing, explaining and understanding how the different parts and elements in a system interact. INA undertakes activities and has expertise in the following areas:

- Behavioural ecology
- Biodiversity, evolutionary genetics and conservation biology
- Botany and zoology
- Sustainable forest, game and fish management
- Renewable energy
- Consequences of land use and habitat changes
- Market and resource economy and planning
- Nature based tourism
- Population ecology
- Resource mapping
- Wood technology
- Ecophysiology
- Ecotoxicology

PRIORITY AREAS

For the planning period (2009-2012) INA has given priority to the following areas:

- Renewable energy – potential and environmental effects
- Climate change – effects, remediation and adaptations
- Conservation and use of nature –conflicts and possibilities
- Ecology, biodiversity and conservation biology

OBJECTIVES

- INA shall have attractive study programmes and courses at Bachelor's and Master's level for both Norwegian and international students. INA shall produce candidates that are recognised and in demand for their competency and creativity, and who are trained to undertake interdisciplinary analyses of high quality.
- INA shall conduct research and publicise the results in different contexts. This shall be reflected in publication in recognised international scientific journals, dissemination in popular science fora, such that INA is a sought after partner in national and international research programmes.
- INA shall be attractive for doctoral students from different parts of the world and the training programme shall be at a recognised international level.
- INA shall cooperate with other institutes at the University (UMB + NVH) and Campus Ås both within teaching and research in order to secure effective use of the University's collective resources and to attain the best possible scientific standard.
- INA shall undertake both multidisciplinary and interdisciplinary research, as well as discipline orientated research.

- **INA shall be active and visible within its disciplines. INA's staff and students shall be represented on boards and committees nationally and internationally and participate in the public debate through scientific expertise and research based knowledge.**
- **INA shall offer further and continuing education in relevant sections of its subject areas.**