



NAMIBIA UNIVERSITY
OF SCIENCE AND TECHNOLOGY

Department of Agriculture and Natural Resources Sciences



Resource Mobilisation
for Biodiversity Conservation

Nature counts!

NUST and GIZ ResMob partnership to mainstream ecosystem services and resource economics into Natural Resource Management Programme



giz

Deutsche Gesellschaft
für Internationale
Zusammenarbeit (GIZ) GmbH





PAMIBIA UNIVERSITY
OF SCIENCE AND TECHNOLOGY



Resource Mobilisation
for Biodiversity Conservation

Nature counts!

**Faculty of Natural Resources and Spatial
Sciences**

Summer school for Honours and Masters students

2015-2017: Productive 3 year partnership
62 participants, including participants from MET.

Facilitators from ResMob, GIZ ValuES programme, NUST, NNF

Ulrike Troeger: GIZ ValuES programme (Germany)

Morgan Hauptfleisch: NUST

NNF Resource Economist (various)

Hugo van Zyl (Cape Town Economist)

Martin Nowack (ResMob)

Ferdinand Mwapopi (ResMob)





PAMIBIA UNIVERSITY
OF SCIENCE AND TECHNOLOGY



Resource Mobilisation
for Biodiversity Conservation

Nature counts!

Faculty of Natural Resources and Spatial Sciences

Goal of the summer school:

Provide students with a basic understanding of the principles of environmental and resource economics, ecosystem services assessment.

In addition:

- ❖ Provide practical experience in describing, assessing and valuing ecosystem services, and
- ❖ Enable students to incorporate the abovementioned skills into their postgraduate research.

Through a theoretical and practical ten day to two week training course.





**NAMIBIA UNIVERSITY
OF SCIENCE AND TECHNOLOGY**

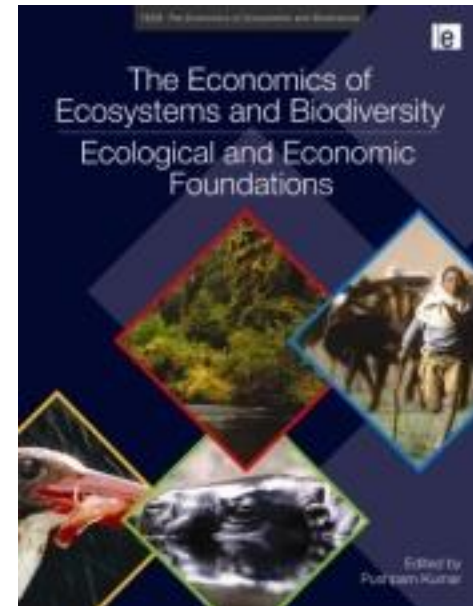


Department of Environmental Affairs
MINISTRY OF ENVIRONMENT AND TOURISM

Faculty of Natural Resources and Spatial Sciences

Theory:

- ❖ Ecosystems and ecosystem services
- ❖ Ecosystem service assessment
- ❖ Resource economics
- ❖ Environmental and resource economics
- ❖ Valuation of ecosystem services
- ❖ Practical tools for ecosystem services assessment and valuation.



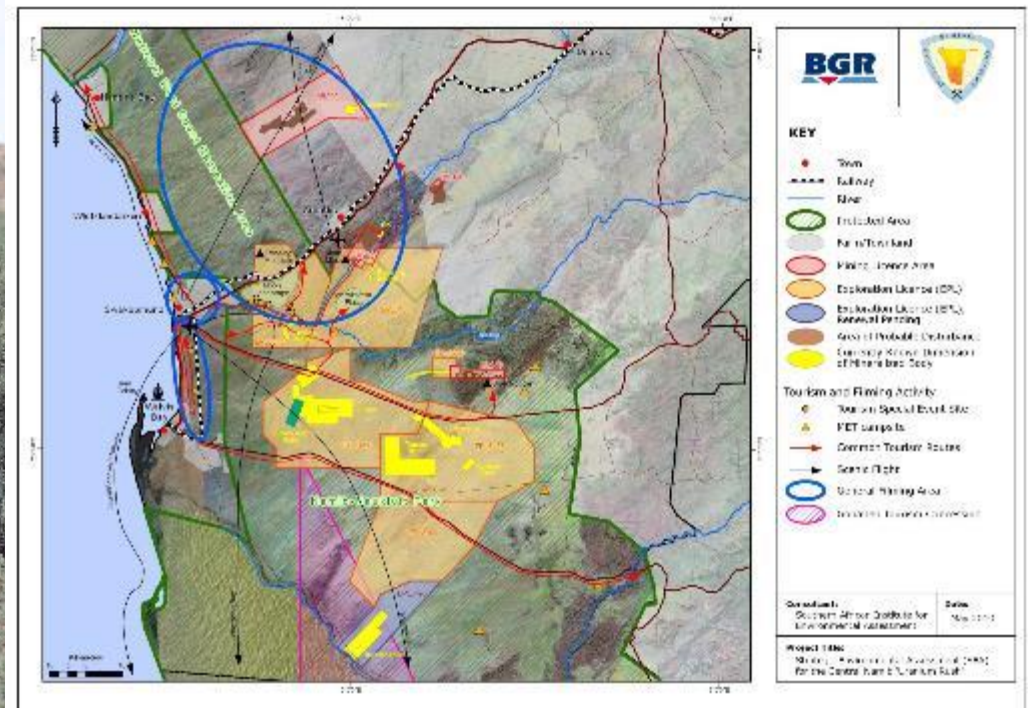


PAMIBIA UNIVERSITY
OF SCIENCE AND TECHNOLOGY

Faculty of Natural Resources and Spatial Sciences

Practice:

2015 Case study: Assessing ecosystem services and their threats in the Erongo Region





**NAMIBIA UNIVERSITY
OF SCIENCE AND TECHNOLOGY**

**Faculty of Natural Resources and Spatial
Sciences**

Practice:

**2016 Case study: The value of ecosystem services in
the Greater Sossusvlei Namib Landscape**





PAMIBIA UNIVERSITY
OF SCIENCE AND TECHNOLOGY

**Faculty of Natural Resources and Spatial
Sciences**



Practice:

**2017 Case study: Optimising value from ecosystem
services in the Stampriet district of the Kalahari.**





**NAMIBIA UNIVERSITY
OF SCIENCE AND TECHNOLOGY**

**Faculty of Natural Resources and Spatial
Sciences**

**Masters projects with ecosystem services assessment and
valuation as aspect:**

**(Master of Natural Resource Management: Nature
Conservation)**

- ❖ Mine restoration and ecosystem services: Masters project of Jeremia Amutenya
- ❖ Ecosystem services associated with small and nocturnal mammal bioturbators: Masters projects of Vinte Mendes and Michelle Rodgers
- ❖ The impact of Green Scheme projects in Kavango West and East on ecosystem services (sponsored by ResMob)



**NAMIBIA UNIVERSITY
OF SCIENCE AND TECHNOLOGY**

**Faculty of Natural Resources and Spatial
Sciences**

Looking forward:



**APPLIED BIODIVERSITY
ENVIRONMENTAL AND
SPATIAL RESEARCH UNIT**

**New unit within
NUST will have 6
priority research
Areas, of which one
will focus on ESAV.
The course will also
continue.**

Campus Greening project	
Human-wildlife conflict programme	
Mining restoration Programme	
Ecosystem services assessment and valuation project	
Biodiversity data for decision makers helpdesk programme	
Wildlife census and movement programme	
MBA Conservation project	



NAMIBIA UNIVERSITY
OF SCIENCE AND TECHNOLOGY



Resource Mobilisation
for Biodiversity Conservation

Nature counts!

Faculty of Natural Resources and Spatial Sciences

Department of Agriculture and Natural Resources Sciences

Thank You.



Deutsche Gesellschaft
für Internationale
Zusammenarbeit (GIZ) GmbH