



# GBEP Activity Group 6 – Bioenergy and Water

# GBEP AG 6: History



2010 2011 2012 2013 2014 2015 2016 2017

GBEP AG6

**THE BIOENERGY AND WATER NEXUS**  
Special Issue  
Bioenergy and Water

**Best Practices Guidelines for Managing Water in Bioenergy Manufacturing Production**

**The impact of biofuel feedstock production on water resources: a developing country perspective**

**Jatropha production on wastelands in India: opportunities and trade-offs for soil and water management at the watershed scale**

**The bioenergy and water nexus**

**Crop coefficients of *Jatropha (Jatropha curcas)* and *Pongamia (Pongamia pinnata)* using water balance approach**

**Forest bioenergy feedstock harvesting effects on water supply**

**Biofuels, Bioproducts and Biorefining**  
Special Issue  
Bioenergy and Water

**The bioenergy and water nexus**

**Policies and instruments affecting water use for bioenergy production**

**Water quality assessment of bioenergy production**

**How bioenergy related water impacts are considered by certification schemes**

**Impact assessment at the bioenergy-water nexus?**

**Evaluation of water use for bioenergy at different scales**

# GBEP AG 6: Vision

**Good management of resources - benefiting from complementarity of different land use systems - can deliver food, materials and bioenergy AND improve the state of water.**



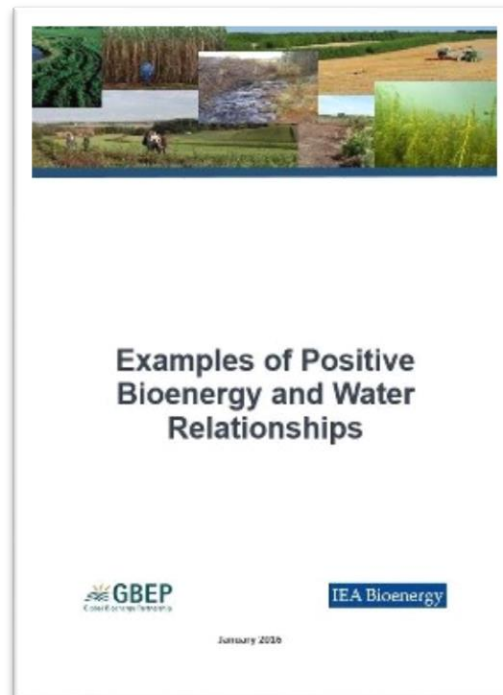
# GBEP AG 6: Goal

**Identify and disseminate ways of integrating bioenergy systems into agriculture and forestry landscapes to improve sustainable management of water resources, including waste water.**



# Call: *Examples of Positive Bioenergy and Water Relationships*

- Contributions from 11 countries across six continents
- Selected contributions presented at workshop in August 2015
- All contributions presented in report that was published in February 2016
- Selected contributions also published (or underway) in scientific journals



Available at:  
[www.globalbioenergy.org](http://www.globalbioenergy.org)

# This event

---

**Presentation and discussion of selected examples of positive bioenergy and water relationships:**

- **Case studies on Positive Bioenergy and Water Relationships**
  - Ronald S. Zalesny Jr., USDA Forest Service
  - Ioannis Dimitriou, Swedish University of Agriculture Sciences
- **The experience of the Stockholm Environment Institute**
  - Louise Karlberg, Stockholm Environment Institute
- **Interactive discussion**
  - Moderator: Uwe Fritsche, IEA Bioenergy

# More info about GBEP AG 6

- [www.globalbioenergy.org/programmeofwork/working-group-on-capacity-building-for-sustainable-bioenergy/activity-group-6/it/](http://www.globalbioenergy.org/programmeofwork/working-group-on-capacity-building-for-sustainable-bioenergy/activity-group-6/it/)
- Göran Berndes: [goran.berndes@chalmers.se](mailto:goran.berndes@chalmers.se)
- Uwe Fritsche: [uf@iinas.org](mailto:uf@iinas.org)



Participants at AG 6 workshop in Stockholm, August - 2015