



SOCIETY OF ENVIRONMENTAL TOXICOLOGY AND CHEMISTRY

SETAC Advisory Group

Aquatic Macrophytes: AMEG

Background and aims

- AMEG was established as a global advisory group in June 2009. Its aim is to provide guidance on all aspects of aquatic macrophyte testing in the laboratory and field as well as the use of macrophyte data in the risk assessment of chemicals. The group accomplishes these goals by serving as a forum for communication, scientific discussion, and collaboration.
- AMEG's current research areas are ecotoxicology and chemical risk assessment and, in the future, macrophytes as water quality indicators, phytoremediation and plant management.

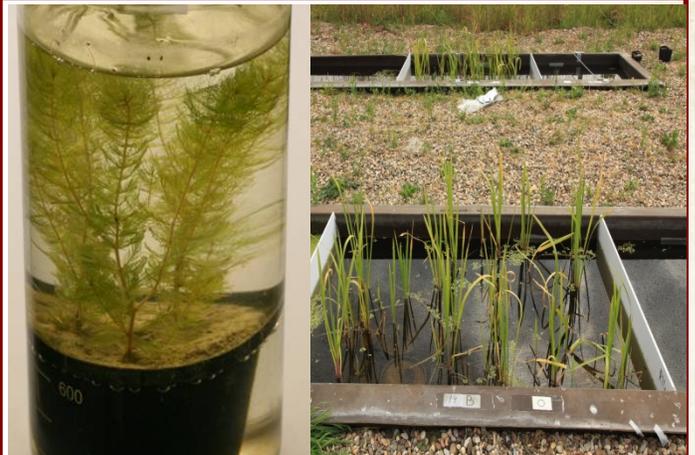


Figure 1: *Myriophyllum spicatum* lab test (A) and *Glyceria maxima* potted-plant test (B).

Recent AMEG Activities

- **Glyceria test guideline group**
Under new pesticide regulations in the EU, a test with *G. maxima* is a potential test in cases when *Lemna* or *Myriophyllum* sp. might not be protective. This new working group will deliver a protocol for an OECD test.
- **Myriophyllum test guideline group**
This WG has developed and ring-tested a water-sediment method for *Myriophyllum* sp.. The method is available as a Draft OECD Test Guideline. The draft GD is currently improved and considered further by OECD in 2014.
- **Terrestrial plant working group**
Recently a new working group was established in the field of terrestrial plant ecotoxicology. The working group will develop guidance for terrestrial plant testing, risk assessment and risk management tools.

AMEG will become Plant AG

AMEG is a global Advisory Group open to all interested scientists or students. AMEG is currently led by a Steering Committee of 11 scientists from North America and Europe representing Academia, Business and Government, and chaired by Gertie Arts (NL; Gertie.Arts@wur.nl) and Mark Hanson (CA; Mark.Hanson@umanitoba.ca).

AMEG will extend its activities to the terrestrial plants as well. Therefore we have submitted a proposal for a new name to the SETAC Global Science Committee and World Council:

Plant Advisory Group

new

Don't miss the open AMEG / Plant meeting on 20th (Wednesday) from 5:30 to 7:00pm