MISSION AND PURPOSE

The Ecological Risk Assessment Advisory Group (ERA AG) is an open forum that exists to serve as a scientific resource to SETAC, environmental scientists and decision makers, and society as a whole on issues pertaining to ecological risk assessment.

Our mission and purpose is to advance the science and use the practice of ERA as a tool to inform environmental decision-making. To achieve this, ERA AG:

- Serves as a neutral platform and focal point for collaborative identification, resolution, and communication of ERA issues.
- Stimulates critical evaluation and discussion to establish best available science.
- Provides a forum for knowledge and ideas exchange.
- Encourages transfer of ERA technologies among the diverse stakeholders.
- Facilitates communication of ERA issues and best science.
- Encourages multi-AG working groups and liaison activities.

ERA AG now has a global AG status. There is opportunity for an exciting future with a new steering committee and new members. As the global AG grows and develops, new and expanded mission will be considered.

CURRENTLY ACTIVE WORK GROUPS

The ERA AG functions in part by membership participation in a variety of Work Groups. All Work Groups welcome participation! New Work Groups may be formed by any member of the AG and all ideas are welcome for discussion. International and multi-AG Work Groups are encouraged. Currrently active Work Groups, with Chairs (C) and Co-Chairs (CC) are:

- Population-Level ERA
  - C: Larry Barnthouse
  - CC: Antonio Nagasawa
  - CC: Wayne Munns Jr.
  - CC: Don Phillips

- Spatially Explicit Exposure Models in ERA
  - C: Mark Johnson
  - CC: Wayne Landis
  - CC: Kenneth Cooper

- Ecosystem Services
  - C: Wayne Landsdell
  - CC: Will Clements

STEEERING COMMITTEE STATUS AND MEMBERSHIP

The Steering Committee (9 to 12 members) will be finalized with a membership vote. All SETAC members with interest in ERA are welcome and encouraged to join the ERA AG.

PUBLICATIONS

BOOKS

1993 Programs in ERA, National Science Institute and SETAC
1997 Sustainable Environmental Management (Barnthouse, Biddinger, Cooper, Fava, Gillett, Holland, and Yasw [ed])
1997 Ecological Risk Assessment of Contaminated Sediments, Ingersoll, Diller, and Budlinger (ed)
1998 Uncertainty Analysis in ERA, Women-Hides and Moore [ed]
2000 Population-Level ERA, Barnewelt, Munns, and Sorensen (ed)

MANUSCRIPT SERIES

2007 Ecosystem Vulnerability, Environmental Toxicology and Chemistry
2008 Integrated Environmental Assessment and Management (FEAM)
2010 Spatially Explicit Exposure Models in ERA (SEEM) FEAM
2011 Press ERA and Global Climate Change (GCC) ET&C

2012 World Congress Articles (Summary)
- In Global ERA AG meeting
- Celebration for the 20th anniversary of ERA AG
- Contributing to the Global ERA AG celebration
- Developing collaborative voices of a Global ERA AG

- Asian/Pacific Activities (Japan)
- Global ERA AG introduction: Overview and Application of ERA in the US, EU, and Asia

- North America Activities (USA)
- 3rd Global ERA AG meeting and 20th anniversary
- Mechanistic Effect Modeling for ERA (Barnthouse & Aoyagi) – Coll of w/ Methodol and CREAM
- Spatially Explicit Exposure Modeling
- 21st Century Environment Risk Assessment

- Short Course in Human Health and ERA
- Short Course in Population-Level ERA
- Spatially Explicit Exposure Modeling

2009-2010 Workshop
- Spatially Explicit Exposure Modeling (2009)
- Population-Level ERA (2009 and 2010)
- Natural Resource Damage Assessment (2009)
- Impact of Uncertainty on Decisions (2006)
- Comprehensive ERA (2003)
- ERA AG Debate – Evaluation of Uncertainty
- Ecological Risk Assessment in Global Climate Change (2003)
- Ecosystem Vulnerability (2006)
- Ecosystem Vulnerability (2006)
- Environmental Toxicology and Chemistry

1993 Programmes in ERA, National Science Institute and SETAC
1997 Sustainable Environmental Management (Barnthouse, Biddinger, Cooper, Fava, Gillett, Holland, and Yasw [ed])
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