

3rd National Conference on Science, Policy and the Environment
Education for a Sustainable and Secure Future

Diversity

Human Diversity in Education for a Sustainable and Secure Future

Chairs: Dan Durett, Jeff Cook

OBSERVATIONS

Identify universal science and environmental principles-

Observe impact of nuances of culture location, tradition and history upon science policy and decisionmaking.

The session participants observed the absence of white males under represented in the session. (none)

RECOMMENDATIONS:

1. Infuse diversity throughout all future conferences “2004.onward
2. NCSE should utilize the strengths of our diverse human universe to achieve
3. solutions to our environmental problems
4. “Show Us The Money!” increase level\$ of funding for k- Grey environmental education in general and for minority serving institutions
5. Develop a public education media campaign on global perspectives of diversity.
6. Increase Human Diversity in science education, policy, research, and decision-making.

DIVERSITY:

A Basic Concept of Science

Overarching Recommendations:

- 1) NSCE needs to support culturally relevant environmental education throughout the K-Grey curriculum.
- 2) Educational institutions should increase human diversity in environmental fields and in leadership positions of professional organizations and associations.
- 3) Diversity needs to be more strongly promoted and sustained in higher education programs nationally and internationally.
- 4) An annual increase of federal funding to address issues of workforce diversity must be made an integral part of the federal budget process.

**3rd National Conference on Science, Policy and the Environment
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- 5) There should be an long-term commitment of federal, state and local grant support for K-12 environmental education.
- 6) All children should receive instruction in the value of diversity within American society.
- 7) Develop a national public communication media campaign on the issues and perspectives of global diversity.
- 8) NSCE, its stakeholder organizations, corporate support and other science and education organizations needs to define and publicize its diversity policies.
- 9) Use human diversity as a basis for a balanced approach to the eradication of poverty by establishing simple diversity and eco-friendly educational goals that can be commonly followed globally and asking :
 - a) Does it sustain/improve water quality?
 - b) Does it sustain/improve air quality?
 - c) Does it sustain/improve soil quality?
- 10) NSSE should utilize the strengths of our diverse human universe to form workable solutions to solve our environmental problems.
- 11) Higher educational institutions should promote practical environmental programs that can be related to theories learned in classes.
- 12) Higher education institutions should direct substantive funding for diversity initiatives, esp. scholarships, fellowships, eligibility to be inclusive of foreign students on the campuses.
- 13) Recommends interdisciplinary curriculum (K-12) with an environmental focus, should develop learning objectives that this curriculum should achieve with students for a sustainable and secure future.
- 14) Recognize , promote human diversity as a basic concept of science and to seek to define its many strengths and advantages to pursue common goals (i.e., a sustainable future).
- 15) No break-out sessions/pigeon holes on Human Diversity: integrate (it) into the mainstream (i.e., panels, plenary sessions).
- 16) Promote Human diversity from Leadership as a basic concept of science on a global perspective.

**3rd National Conference on Science, Policy and the Environment
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- 17) Develop and implement a national environmental curriculum (k-12) that recognizes the human diversity of students, faculty, and communities.
- 18) Develop international partnerships with countries such as Nigeria, South Africa, and other emerging nations developing solutions to issues of human diversity in education for a sustainable and secure future.

ADDENDUM

ES's promote practical environmental programs that integrate theory and experience.

Heir's should increase \$'s for Diversity Initiatives especially to offer fellowships, etc. inclusive of foreign students on their campuses.

Interdisciplinary K-12 based on learning objectives that ensure students gain knowledge and skills for a sustainable secure future.

Human Diversity as a basic principle of all environmental programs, initiatives, and learning and be applicable globally.