Part One (300 words)

1. Project Title
Guidelines for Environmental Education Focusing on Environmental Ethics and the Human Dimensions of Global Change

2. Project Leader: Name and Institution
Dr. Professor Azizan Baharuddin
University of Malaya, Centre for Civilisation Dialogue

Professor Fumiaki Taniguchi
Konan University, General Institute for the Environment

3. Collaborating Countries
- Australia
- Canada
- China
- India
- Japan
- Malaysia
- Nepal
- New Zealand
- Thailand

4. Non-technical summary
The project is planned for approximately 2 years from November, 2005 to December 2007 and will include 2 sets of international symposia and workshops; the first in Kobe, Japan; and the second in Kuala Lumpur, Malaysia.

The outcomes of both sets of symposia and workshops will be used to formulate guidelines that can be used by countries in Asia to develop environmental education guidelines to suit the needs of their own countries. If necessary, we will set the informal meetings.

Part Two

5. Project Objectives
The fundamental objectives of the project of Guidelines for Environmental Education Focusing on Environmental Ethics and Human Dimension of Global Change cooperated between Konan University, Japan and University of Malaya, Malaysia are:

(i) To make full use of participating countries’ experience & knowledge of global change research to formulate guidelines for environmental education & sustainable development.

(ii) To fill the existing gaps among teachers & other stakeholders involved, such as global change experts, decision-makers, etc., by developing methods /modules for environmental education that can be used as a basis for countries in Asia.

6. Amount of Funding Received for 2006/2007
USD 70,000

7. Relevance to the APN’s Science and Policy Agendas

Links to Sustainable Development
The very objective of the entire project is to link environmental education with sustainable development. In particular, the symposium focuses on specific areas for sustainable development in regional countries. One of the main outputs of the project will be to disseminate guidelines on incorporating environmental education and sustainability into mainstream education systems throughout Asia.

Links to Policy
The Hyogo Prefecture Government of Japan strongly supports this project and incorporation of guidelines in the mainstream education system. Furthermore, policy- and decision-makers will be invited to attend the symposia and workshops and guidelines will be formulated for their training needs.

8. Work undertaken and results to date (please comment on progress against your project timeline as well as any problems you have encountered)
There is no trouble so far.

9. Self evaluation against project objectives
We held the first International Symposium: Establishing Guidelines for Environmental Education Based on Environmental Ethics from January 28th - 30th,
2006 in Kobe having 314 participants, in order to assist in the development and promotion of knowledge of natural science related to global change research. As self-evaluation and the result of the discussion we have decided to have the Joint Meeting in August, 2006, in Bangkok so as to get the expanded information from Thailand and Nepal at the Satellite Symposia at the International Conference on *Education of Health and Environmental Education*. Therefore, we have to postpone the date of the second conference in Malaysia from 30 April-4 May, 2007.

We held Satellite Symposium I: *Common Materials for Environmental Education in the Asia-Pacific Region: Establishing International Guidelines for Environmental Education (II)-Joint Meeting*, coordinated by Prof. Azizan Baharuddin, of Malaya University, Malaysia, and Satellite Symposium II: *Demonstration of Environmental Education Using On-line TV net Meeting System Between Japan and Thailand*, coordinated by Professor Fumiaki Taniguchi of Konan University, Japan, were held on 19-20 August 2006 at Phranakhon Rajabhat University, in Bangkok.

The need to establish flexible guidelines of environmental education applicable to stakeholders that will cut across all Asian countries was emphasized. It was realized that in order to acquire quick information on environmental education, an on-line TV net meeting system between Japan, Malaysia and other countries concerned with the project must be set up.

Outcomes of discussions were:
* To have realized the real environment, namely indigenous environment to cover in the various gaps among developed countries and developing countries, and also among experts, teachers and other stakeholders.
* To establish the fundamental framework focusing on environmental ethics consisted by soft moral frameworks in the environmental context beyond the scientific dualism or specific religion.
* To establish the flexible guidelines of environmental education applying to many countries and to stakeholders.
* To have to use on-line TV net meeting system between Japan, Malaysia and other countries concerned with our project in order to acquire quick information on environmental education.

10. Publications (to date and/or pending)
pending
11. Appendix: Photographs, Diagrams, Graphs for APN (website) dissemination

![International Conference in Kobe](image1.jpg)

![Satellite Symposums in Bangkok.](image2.jpg)

Definitive project targets for 2007:
Theme:*International Symposium: Establishing Guidelines for Environmental Education Based on Environmental Ethics (III)*

■Dates: 30 April - 4 May 2007 (Tuesday – Thursday)
■Venues: University of Malaya, Kuala Lumpur, Guest House, Lecture Hall Complex, Rimba Ilmu Museum