

[Progress Report 5. 2]

Co-Convening of an RCA Seminar with PEMSEA

Past Comments

The 3rd SAC appreciated RCARPO as well as the PLCC for RAS/8/095 (Mr Ron Szymczak of AUL) for their efforts to organize presentations at the seminar.

Actions Taken

RCARO organized an RCA Seminar on 'Radioisotope Technology for Coastal and Ocean Management' on 13 December 2006 at People's Assembly Hall in Haikou, Hainan Province, China. The Seminar was co-convened with PEMSEA (Partnerships in Environmental Management for the Seas of East Asia) in conjunction with the 2006 East Asian Seas Congress. RCARO was one of the partnerships organizations of the PEMSEA International Conference.

A total of 6 papers, including a keynote presentation (Mr Ron Szymczak on Development and Application of Coastal Ecosystem Contaminant Management Tools using Nuclear and Isotopic Techniques), were presented by the RCA stakeholders that introduced advantages of using nuclear technologies to solving marine and coastal environmental problems. Approximately 40 persons attended at the Seminar including the participants in the RAS/8/095 Regional Training Workshop on Combining Contaminant Transport and Ecological Risk Assessment Models for Response to Environmental Emergencies which was held in Qingdao, China in the previous week of the RCA Seminar. Following is the executive summary report of the RCA Seminar incorporated in the summary report of the PEMSEA International Conference.

Executive Summary Report of the Seminar

1. **Focus:** Application of nuclear technology for assessing and responding to marine environment contamination.
2. **Relevance:** Nuclear techniques allow accurate and specific validation of contaminant transport model which is otherwise not often or not well done. Nuclear techniques provide a precise and cost-effective way to acquire site-specific contaminant dose-response data.
3. **Conclusions:** Accurate model validation is extremely important. IAEA/RCA is playing an important role in capability development and regional co-operation. Securing social acceptance of nuclear power plants and minimizing environmental impact are very

important for sustainable socio-economic development.

4. **Emerging Issues:** There are plans to construct many (approximately 50) new nuclear power plants in the region and marine monitoring capabilities need to be developed/improved.