

## Detailed Scientific Program

---

**Tuesday, May 1, 2007**

**Awana Kijal Hotel Lobby**

14:00 – 19:00      Arrival and Registration

**Wednesday, May 2, 2007**

07:30 – 08:45      Registration

09:00 – 09:40      **Plenary I:**  
DATO' JUNAIDI CHE AYUB

09:40 – 10:15      **Plenary II:** The Status of Research Work on The South China Sea and  
Future Opportunities  
WANG, D., Zhuang, W, Du, Y., Chen, J.

10:15 – 10:30      **Coffee and Tea**

**Session I (parallel): Oceanography  
(Kemaman 1)**

10:30 – 10:45      Forecasting Long Term Response of North Carolina Wetlands to Trends  
and Disturbances Related to Climate Change  
REYES, E

10:45 – 11:00      Threatened Coastal Ecosystem Management Tools Based on Nuclear and  
Isotopic Techniques  
SZYMCZAK, R

11:00 – 11:15      GIS-Based Method for Chilika Lagoon Eutrophication Assessment  
PANIGRAHI, S.N

**Session II (parallel): Ecotoxicology  
(Kemaman 2)**

10:30 – 10:45      Histopathological Evidence of Mercury Chloride Toxicity in The Gills of  
*Rutilus Frissi Kutum*  
DAVARPANA, E., Khodabandeh, S

10:45 – 11:00      Bio-Fertilizers, Tools to Reduce The Environmental Pollution  
LEVAI, L., Veres, S., Szeles, E

11:00 – 11:15      Heavy Metal Study in Sediment of Sg. Kerteh, Terengganu  
NADIA ATIQA

11:30 – 11:45      Arrivals of VIPs

- 11:45 – 13:00 **Opening Ceremony:**
- Welcome address by Vice Chancellor UMT
  - Opening speech by Co-Chairman AEHMS
  - **Opening speech: Dato' Seri Azmi bin Khalid, Minister of Natural Resources and Environment**
- 13:00 – 14:30 **Lunch**
- 14:30 – 15:00 **Plenary III:** Improving Regional Capacity for Assessment, Planning and Response to Aquatic Environmental Emergencies  
SZYMCZAK, R., Hughes, C., Twining, J., Lubis, A.A., Glamore, W
- Session I (parallel): Oceanography (Kemaman 1)**
- 15:15 – 15:30 Measuring the Impacts of Climate Change on North Carolina Coastal Resources  
BIN, O., Dumas, C., Poulter, B., Whitehead, J
- 15:30 – 15:45 Airborne Hyperspectral Imaging Sensor: Mapping and Monitoring of Sabah Islands and Their Coastal Waters  
JUSOFF, HJ.K
- 15:45 – 16:00 Arpos Virtual Database : A Web-Based GIS Spatial Data Mapping System For Artificial Reefs  
MUSTAFA MAN, Md Yazid Mohd Saman, Mohamad Noor, M. Aezwani W., Bakar, A Khalid Samo
- 16:00 – 16:15 Seasonal and Spatial Variability of Sea Surface Temperature (SST) and Chlorophyll-A Concentration Using Modis Data In East Kalimantan Waters, Indonesia  
KHALIL, I., Mannaerts, C., Ahmad, D., Ambarwulan, W.
- 16:15 – 16:30 Physical Feature and Biological Impact of Vietnam Offshore Jet and Eddy in the Western South China Sea  
WANG, D., Xie, Q., Chen, J., Du, Y
- 16:30 – 16:45 Wave Characteristics in Sabah Water  
EJRIA SALEH, Md Azharul Hoque, Jessie Beliku
- 16:45 – 17:00 Preliminary Assessment of Climate Change from Kuwait Students Perspective  
ABDIRASHID A. ELM
- Session II (parallel): Ecotoxicology (Kemaman 2)**
- 15:15 – 15:30 Temporal Changes In Efflux From Cropped and Fallow Agricultural Fields  
TYAGI, L., Singh, S.N.

- 15:30 – 15:45 Distribution and Sources of Petroleum Hydrocarbons in Part of West and South of Malaysia using Green Mussels (*Perna viridis*) as Sentinel Organisms  
SHAHBAZI, A. Zakaria, M, P., Sakari M., Riahi, A., Chandru K, Zarrinbasha, E., Radzali Mispan, M.
- 15:45 – 16:00 The Role of 70Kda Protein in Stress Responses in 3 Species of Corals In The Kish Island ( Persian Gulf) as Molecular Biomarker  
NOZHAT, F., Eghtesadi, P., Savari, A
- 16:00 – 16:15 Heavy Metals Distribution (Cu, Pb and Mn) During Pre-Monsoon Season In Johor Coastal Waters, South China Sea  
Kamaruzzaman, B.Y., AIRIZA, Z., Zainuddin, B., Shazili, N.A.M.
- 16:15 – 16:30 Assessing The Potential of *Najas Indica* Cham-A Free Floating Macrophyte for Phytoremediation of Cadmium from Water Bodies  
SINGH, R., Tripathi, R.D.
- 16:30 – 16:45 Effect of Fish Cages On Water Current and Suspended Sediment Concentration In Sepangar Bay, Kota Kinabalu, Sabah.  
SIDIK, M.J., Hoque, M. A
- 17:00 – 17:15 **Coffee and Tea**
- 17:15 - 19:00 Poster Session
- 20:00 – 22:30 **Welcoming Dinner**

<b>Thursday, May 3, 2007</b>
------------------------------

- 08:00 – 09:00 Registration
- 09:00 – 09:45 **Plenary IV:** Ecosystem-Based Management: Moving Beyond Boundaries  
HERMAN, T.
- 9:45 – 10:30 **Special Lecture :** Sustainable development as a paradigm of higher education  
ANANTH.M.S
- 10:30 – 10:45 **Coffee and Tea**
- Session I (parallel) : Biodiversity (Kemaman 1)**
- 10:45 – 11:00 Linking Different Aspects of Consumer Attitude With Consumer Recycle Behaviour  
MOHAMAD, M., PHAM, T.H.L., HASSAN, Z.R.A
- 11:00 - 11:15 30 Years of Harmful Algal Blooms (Habs) in Sabah: Research Based Management and Mitigation Strategies  
ANN ANTON., Shaleh, S.R.M., Noor, N.M

- 11:15 – 11:30** The Floristic Composition and Ecology of Periphytic Diatoms from Largest Man-made Tropical Lake, Tasik Kenyir, Malaysia  
ABDUR ROUF, A.J.M., Ambak, M.A., Shamsudin, L., Phang, S.M.
- 11:30 – 11:45 Combination of Traditional and Molecular Techniques In Discriminating Between *Prorocentrum Arabianum* and *Prorocentrum Concavum* (Dinophyceae), Two Morphologically Similar Species  
NOOR, N.M., Moestrup, Daugbjerg. N
- 11:45 – 12:00 Fatty Acid Biomarkers Indicate Temporal Changes In Food Sources of The Bivalve *Quidnipagus Palatum*  
BACHOK, Z., Meziane, T., Mfilinge. P.L, Tsuchiya, m.
- 12:00 – 12:15 A Review of Length Frequency Among *Acipenser Stellatus* and *A. Persicus* in the Southern Waters of Caspian Sea  
GHASSEMI, S., Taghavi, S.M
- 12:15 – 12:30 Nutrient and Chlorophyll a Concentration In Ariake Bay, Japan  
ICHIKAWA, T.
- 12:30 – 12:45 Meiobenthos of Bottom Sediment During The Pre – and Post Monsoon Season In The South China Sea  
ZALEHA, K., Suguna, A.

**Session II (parallel): Ecotoxicology  
(Kemaman 2)**

- 10:45 – 11:00 Depositional History of Aliphatic Hydrocarbons In Sediment Cores of Tebrau Straits, Johor, Malaysia  
SAKARI M., Zakaria M.P., Lajis, N Mohamed, C.R., Shahpoury P
- 11:00 - 11:15 Accumulation of Marine Debris in UAE Coastlines, Al Dabbiya Island as an Example  
AL HABSHI, A., Al Ansari, M
- 11:15 – 11:30 Accumulation and Distribution of Pb in *Avicennia marina* and *Rhizophora apiculata* From Balok Mangrove Forest, Pahang  
Kamaruzzaman, B.Y., SYALINDRAN, S., Jalal, K.C.A., Ridzwan, H., Patricia, B.G
- 11:30 – 11:45 Fecal Coliform Bacteria Contamination of Oysters and Water in Setiu Lagoon, South China Sea  
LAW AH THEEM, Chuah Lai Fatt, Neoh Seong Seng, Nesaven Bhubalan, Ambika Devi A/P Daran, Kuik Soon Ngee
- 11:45 – 12:00 Accumulation of Fe, Mn, Zn, Ni and Cr In Soil and Leaf of *Robinia pseudoacacia* L. Following Irrigation with Municipal Effluent in Iran  
SALEHI, A., Tabari, M., MohammadI, J., Aliarb, A.
- 12:00 – 12:15 Identification and Sources of Polycyclic Aromatic Hydrocarbons (Pahs) in Fresh and Process Meat (Lamb, Buffalo, Chicken), Fish and Mussels in Malaysia  
Husseini, S.A., Shahbazi, A., ZAKARIA, M.P.

12:15 – 12:30	Contamination by Organochlorine Residues in Green Mussel ( <i>Perna viridis</i> , L.) from Coastal Waters of Peninsular Malaysia <u>AZLINA MAT SAAD</u> , Mohamed kamil Abdul Rashid, Shantakumari, R.
13:00 – 14:30	<b>Lunch</b>
14:30 – 15:00	<b>Plenary V:</b> Are Global Aquatic Resources On The Brink? The Need For Integrated Ecosystem Based Management <u>MUNAWAR, M.</u> , Mandrak, N.E., Munawar, I.F., Fitzpatrick, M.
15:00 – 16:00	<b>Poster Session</b>
16:15 – 19:00	<b>Tour</b>

<b>Friday, May 4, 2007</b>
----------------------------

09:00 – 09:45	<b>Plenary VI:</b> Protecting and Managing Threatened Ecosystems of the Arabian Gulf: Past, Present and Future <u>HAMZA, W.</u> , Munawar, M.
<b>Session I (parallel) : Biodiversity (Kemaman 1)</b>	
10:00 – 10:15	Multivariate Methods Distinguishing Mangrove Community Structure of <i>Coringa</i> in The Godavari Delta, East Coast of India <u>SATYANARAYANA, B.</u> , Raman, A.V., Husain, M.L., Dehairs, F., Sharma, V.S.
10:15 – 10:30	Population Structure, Growth, Mortality and Reproduction of the Sergestid Shrimp, <i>Acetes indicus</i> in the Coastal Waters of Malacca, Peninsular Malaysia <u>NURUL AMIN, S.M.</u> Arshad, A., Siraj, S.S., Japar, S. B.
10:30 – 10:45	Fish Larvae of the Terengganu Coast, South China Sea <u>ZALEHA K.</u> , Zulkifli T., Nazmeer N., Rosdi M.N.
10:45 – 11:00	Succession Study of Mangrove Forest At Pulau Che Hamid and Pulau Besar at Setiu Lagoon, Setiu. <u>SULONG, I.</u> , Siti Mariam, M.N., Mohd Yunus, I., Kasawani, I
11:00 – 11:15	<b>Coffee and Tea</b>
11:15 - 11:30	Arrival of VIPs
11:30 - 12:30	<b>Closing Ceremony</b> <ul style="list-style-type: none"> <li>• Closing address by Director of INOS</li> <li>• Closing speech by Vice Chancellor of UMT</li> </ul>
12:30 - 13:30	<b>Lunch and End of Seminar</b>