

**Space Education Initiatives in the
Philippines –
The Philippine World Space Week
Celebrations 2005 and the
Master of Science in Astronomy
Program of the Philippines**

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Department of Science and Technology



PCASTRD

Philippine Council for Advanced Science and Technology Research and Development

Paving the Future of Advanced S&T in the country

HIGHLIGHTS

- *Organizations supporting space-related initiatives*
- *Tertiary Education in Space Technology Applications Fields*
- *Astronomy and Space Awareness Initiatives*
 - *Associations in Astronomy and Space Awareness*
 - *Public Information Astronomy Awareness Facilities*
 - *STA information campaigns*
- *Philippine World Space Week Celebrations*
- *Philippines' First National Congress on Space Technology Applications and Research (NC-STAR)*



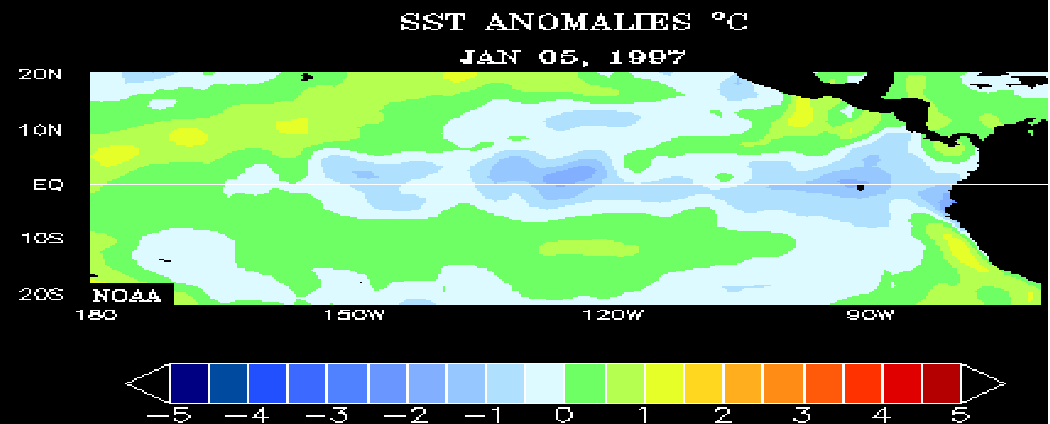
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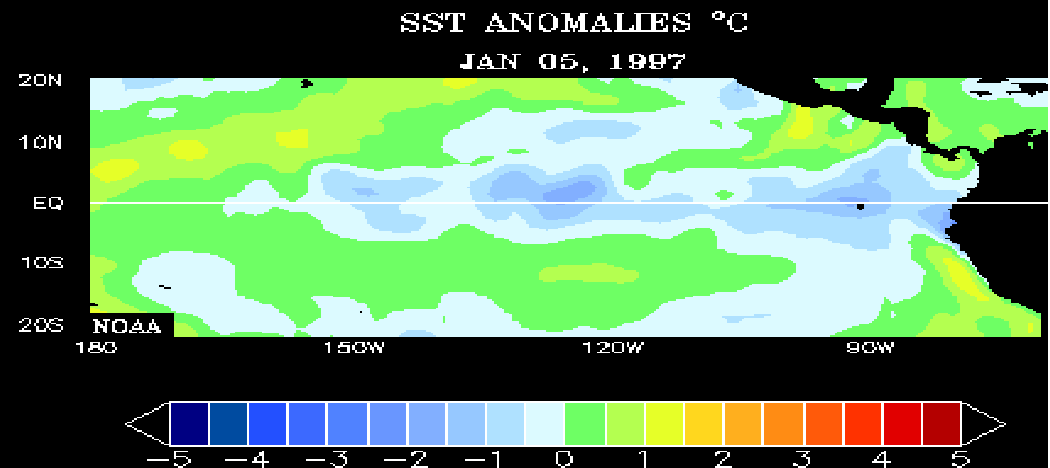
Organizations Supporting Space-related Initiatives

- **National Committee on Space Education Program (NCSEP)** formed early 2005, to promote space education in the Philippines
 - Organized the 1st World Space celebrations in the Philippines



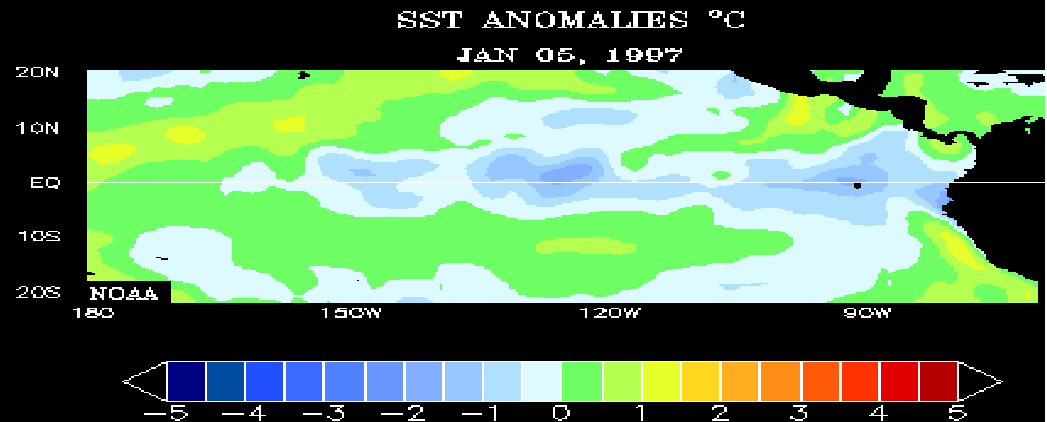
Organizations Supporting Space-related Initiatives

- **Science and Technology Coordinating Council-Committee on Space Technology Applications (STCC-COSTA)**
- **Established in 1987**
- **a collegial, inter-agency committee, which coordinates and manages R&D in space technology applications in the Philippines**



Tertiary Education in Space Technology Applications Fields

- *Master of Science in Remote Sensing*, University of the Philippines, College of Engineering (since 1992)
- *Master of Science in Geomatics*, Mapua University
- First offering (2005) of the *Master of Science in Astronomy*, Rizal Technological University (RTU) in cooperation with PAGASA



Philippine Space Education

Associations in Astronomy in Space Awareness

- Philippine Astronomical Society (PAS)
- Astronomy League of the Philippines (ALPS)
- University of the Philippines –Astronomical Society (UP-ASTROSOC)



Philippine Space Education

Public Information Astronomy Awareness Facilities

- **University of the Philippines - National Institute for Science and Mathematics Education Development (NISMED) Observatory (45-inch reflector)**
- **National Museum Planetarium**
- **Philippine Atmospheric, Geophysical and Astronomical Services Administration (PAGASA) Planetarium and Observatory**
- **Manila Observatory (Lidar and Solar Research)**



STA Information Campaigns

- Conduct of monthly information campaigns on advanced S&T including Space Technology Applications
 - around 17 lectures made on STA among youth and general public on ST applications



Philippine Space Education

Philippine World Space Week Celebrations

- **Conduct of the First-Ever Philippine *World Space Week Celebrations* 4-10 October 2005**
 - **Poster Making Contest**
 - **Lectures on Remote Sensing**
 - **Geo-caching (GPS)**



Philippine Space Education

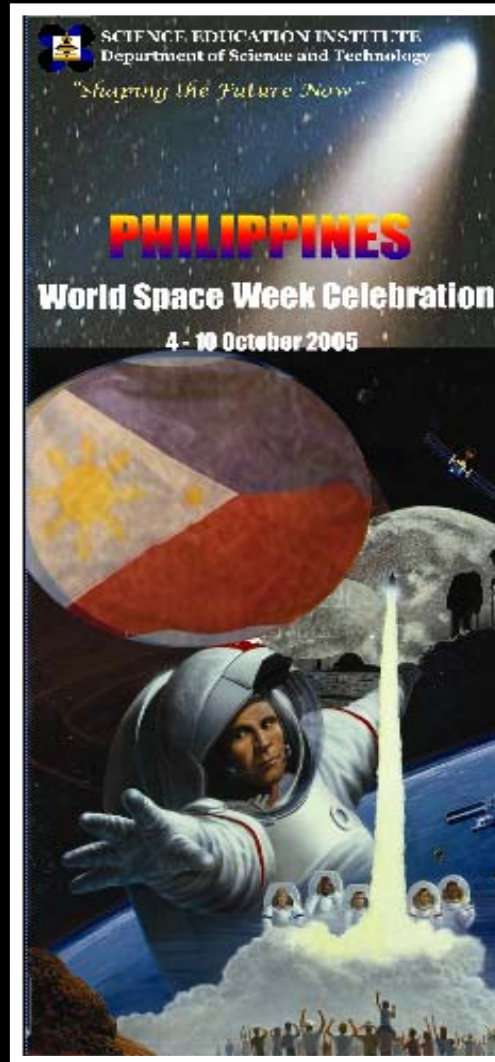
Philippine World Space Week Celebrations

- **Conduct of the First-Ever Philippine *World Space Week Celebrations* 4-10 October 2005**
 - **Kids Videoconferencing with Australia c/o of the Advanced Science and Technology Institute (ASTI) via Al3**
 - **Water-boostered Rocket**



Philippine Space Education

Philippine World Space Week Celebrations



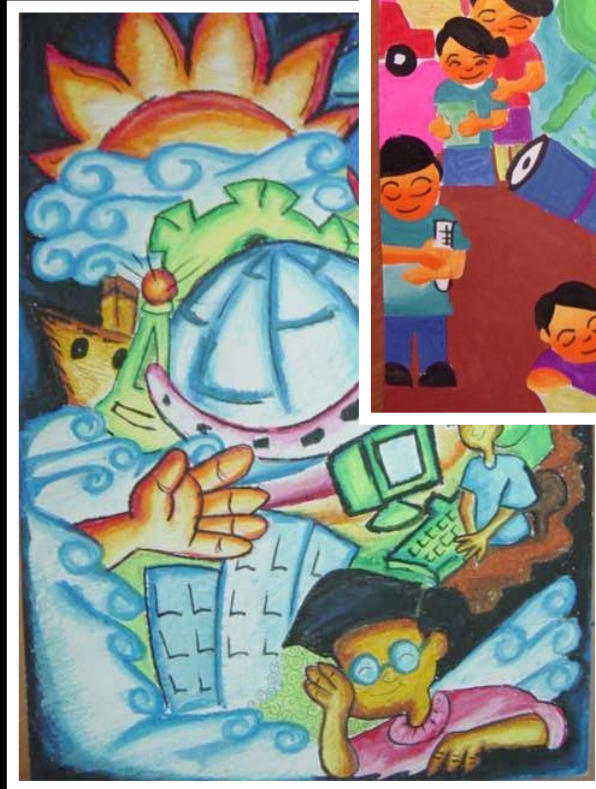
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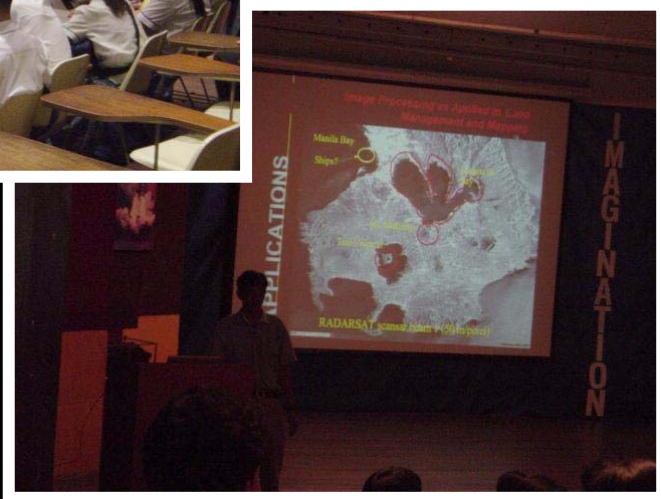
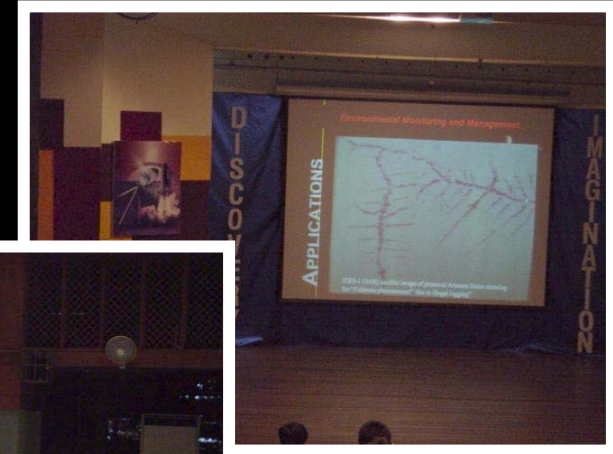
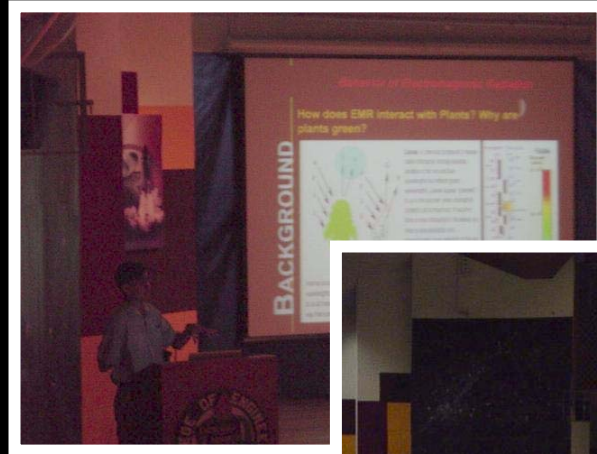
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Philippine Space Education

Philippine World Space Week Celebrations



Other Philippine Space Initiatives

Philippines' First NC-STAR

- Conduct of the First-ever National Congress on Space Technology Applications and Research (NC-STAR) 15 November

www.pcastrd.dost.gov.ph/ncstar



Other Philippine Space Initiatives

Philippines' First NC-STAR

MOTIVATIONS AND OBJECTIVES OF THE NC-STAR

- Currently NO space technology applications (STA) program
- Draft the national program of space technology applications
- Provide the state-of-the-art STA and readiness of the Philippines (e.g. surveys, workshops)
- Chart the national STA road map for the Philippines



*“...Keep your feet on the ground and
keep reaching for the stars”*

Kasey Kasem, DJ American Top 40



Thank you