



**UNISPACE III – ISPRS/NASA Seminar on  
“Environment and Remote Sensing for Sustainable Development”**

9:00 am -12:00 pm, 23 July 1999, VIC Room A  
Vienna, Austria



**WORKSHOP SUMMARY SHEET – 10 JUNE 1999**

Organized by

Lawrence W. Fritz (President ISPRS) and Alex Tuyahov (Manager of NASA Earth Science Applications and Research Program)

The Seminar will focus on the application of space remote sensing sciences and technologies to issues of importance to developing countries, such as agriculture, infrastructure, environment and decision making, from the perspectives of governments and private space technology providers, as well as from regional representatives of the user community. Presentations will be followed by a Round Table panel discussion on issues for the remote sensing community to address.

The Seminar will be Co-Chaired by **Lawrence Fritz (Lockheed Martin, USA)** and **Alex Tuyahov (NASA, USA)** with the panel discussion Co-Chaired by Prof. Ray Harris (UCL, UK) and Dr. Charles Hutchinson (Univ. of Arizona). Speakers and organizations represented include:

- Dr. Ghassem Asrar (NASA, USA)
- Dr. Krishnaswamy Kasturirangan (ISRO, India)
- Mr. Guy Duchossois (ESA, France)
- Mr. Marcio Barbosa (INPE, Brazil)
- Dr. Takashi Moriyama (NASDA, Japan)
- Mr. John Neer (Space Imaging, USA)
- Mr. Jelle Hielkema (FAO, Italy)

**Seminar Format**

The three hour Seminar will be comprised of a series of eight presentations, 15 minutes each, followed by a panel discussion of 60 minutes.

During the session the speakers will each be invited to present an overview of the relevant activities and perspectives of their respective organization. These presentations, with commentary from the chair, are expected to cover two hours. The session will be Co-chaired by a representative from ISPRS Council (L. Fritz) and a representative from NASA (A. Tuyahov).

All discussion, (Q&A) will be in a follow-on third hour devoted to a Roundtable discussion on Remote Sensing issues (with the same speakers) to develop dialog with the audience and to surface issues of concern and recommendations. Prof. Ray Harris (UCL, UK) and Dr. Charles Hutchinson (Univ. of Arizona) are the Seminar Rapporteurs and will Co-chair the Roundtable discussion.

**Technical Equipment Available**

Overhead Projector  
35 mm slide projector  
flip-chart  
pointer  
speakers microphone  
2 hours with podium; 1 hour with panel setup  
Note: no simultaneous interpretation