

Fostering a new generation of Remote Sensing Scientists

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At the ITSC-XV we indicated that in addition to focusing on the design and development of future instruments and the associated data processing algorithms, SSEC also pursues educational goals by spreading environmental awareness and emphasizing the relevance of satellite remote sensing of the Earth in a wide variety of activities. Following the example of the distribution of the TOVS processing package and the personal efforts of SSEC and CIMSS leading scientists in the eighties, some of SSEC's recent training efforts have reached out to an international audience interested in theoretical and operational aspects of remote sensing. In the last two years SSEC and CIMSS have continued teaching weeklong remote sensing seminars that provide a broad fundamental perspective to young researchers as well as to graduate students around the World. Lectures are supplemented with laboratory exercises that emphasize investigation of high spatial resolution (MODIS) and high spectral resolution (AIRS, IASI) data; more recently high temporal resolution data (SEVIRI, GOES) have also been added. During 2006 and 2007, SSEC and CIMSS scientists, in collaboration with EUMETSAT and NOAA, have attempted to bring greater understanding of remote sensing technology to the international community, and to African and South American scientists in particular with the unchanged goal of helping in fostering a new generation of environmental scientists.

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