

***Processing Package and Remote Sensing Training Workshops for International Direct Broadcast Users***

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Since 2004 SSEC/CIMSS has conducted international direct broadcast (DB) training workshops centered around the DB receiving countries/sites. So far six (6) DB workshops have been conducted at Perth/Australia, Nanjing/China, Beijing/China, Chung-Li/Taiwan, Andoya/Norway and Pretoria/South Africa. One additional workshop under the GEOSS initiative was conducted at Cachoeira Paulista/Brazil. These workshops focus on the complete end-to-end processing of the data into geophysical products. Basic remote sensing principals, algorithm theory, and limitations and applications of the products are taught in lectures followed by hands-on computer laboratory exercises. The user friendly visualization software tool HYDRA is freely distributed for students in the class room and allows examination of data and products at the pixel level for the purpose of manipulating and interrogating DB measurements, imagery, and products. SSEC/CIMSS is devoted to continue this kind of training workshop tailored for the international DB community as part of an ongoing effort to maintain and expand the use of the International MODIS/AIRS Processing Package (IMAPP), and in preparation for the development of the future International Polar Orbit Processing Package (IPOP) for the National Polar-orbiting Operational Environmental Satellite System (NPOESS).

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