

ANTEC REQUESTS TO SCAR WORKING GROUPS

1. GEODESY & GEOGRAPHIC INFORMATION

1. Promote establishment of permanent, continuous GPS stations in optimum locations to address ANTEC science objectives (ANTEC to provide site information via J. Manning). Encourage placement of GPS stations in continental interior when technology permits.
2. Provide full inventory of GPS permanent, 'semi-continuous' and campaign network sites on web (area, contact person, data type, data access). Objective: promote cooperative campaigns and data analysis.
3. Encourage non-IGS GPS sites & networks to employ GIS standards and make observational data readily available to SCAR researchers.
4. Promote establishment of network of tide gauges; provide information on locations, access to data, contact persons and other relevant items on web site.
5. Compile information on coverage, information links, data access, and any other relevant items on Antarctic coverage from satellite missions. Objective: promote use of new data sources for Antarctic neotectonic research.
 - * Landsat-7
 - * SPOT
 - * ERS Tandem Mission
 - * RADARSAT Antarctic Mapping Mission (1 & 2)
 - * ENVISAT
 - * ASTER
6. Compile information on location, access to data, contact person, and any other relevant items about:
 - * Absolute gravity measurements
 - * Land-based gravity measurements
 - * Airborne gravity surveys
 - * Spaceborne gravity: GRACE, CHAMP
 - * Geoid
7. Provide information links to Antarctic data sources:
 - * ADD (Antarctic Digital Database)
 - * BEDMAP
 - * ADMAP
 - * ADGRAV
 - * USGS Antarctic Resources Center