Summary of Operational and Planned Oceanographic Observation Programs

**ARGO**
See info regarding these floats at [http://flux.ocean.washington.edu/metu](http://flux.ocean.washington.edu/metu)  

**Offshore Platforms**
Regular discrete and continuous observations are conducted on the stationary oceanographic platform (Katsively, MHI) and gas platforms (Golitsino, Black Sea oil and gas Co., since the end of 2002). Platform in Katsively provides automatic or semi-automatic measurements of the following parameters:
- Air pressure, temperature and humidity
- Wind Speed and direction
- Water Temperature
- Waves
- Sea level
- Current speed and direction
Duration of different data sets is from 5 to 17 years

**Sea Level**
27 stations in National net (Hydrometeorological). MedGLOSS type station at Katsively since mid 2003 within the ESEAS-RI project. SST and air pressure also measured at Katsively. See [http://www.ioc-sealevelmonitoring.org/index.php](http://www.ioc-sealevelmonitoring.org/index.php)

**T/S Hydrography**
Routine near coastal surveys (out to 10 miles). Locations are:
Southwest coast of Crimea, Sevastopolnube mouth, Izmail
Dnieper-Boug estuary, Nikolaev
Kertch Strait, Opasnoye
Northern coast of the Sea of Azov, Mariupol
Western coast of Sea of Azov, Genichesk
Northwestern Black Sea

**Bio/Chem** Within the coastal surveys above, a mix of: pH, Oxygen, nitrate, nitrite, phosphate, silicon, oil fractions, phenol, pesticide, detergents, mercury, alkalinity, ammonium, nitrogen, calcium, magnesium, sulphate, hydro-carbonate particulate matter, hydrogen sulphate and silicium. Continuous Plankton Recorder (CPR), restricted to near coastal stations and one ten mile section

**Coastal**
Hydrometeorological stations (36) measuring T(s), T(a), wind speed, and ice. 21 stations 8 obs/day, 14 stations 2-4 obs/day. 27 stations measure sea level, 21 measure waves, 23 measure surface salinity. 8 stations measure pollutants: oil products, phenol and surface active films.