

# **MAMA-MedGOOS related activities in CYPRUS**

- ✓ Infrastructure
- ✓ Activities promoting the operational oceanography
- ✓ End users

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# **MAMA-MedGOOS related activities in CYPRUS**

## **Infrastructure : main marine research centers**

- ✓ **The DFMR-Department of Fisheries and Marine Research is the main institution for marine research in Cyprus and it is responsible for :**
  - ✓ **Oceanography**
  - ✓ **Marine Biology and Ecology**
  - ✓ **Marine Pollution**
  - ✓ **Aquaculture**
  - ✓ **Fisheries management**
  
- ✓ **The Oceanography group at the Department of Mathematics, University of Cyprus is a close collaborator of OS-DFMR**
  
- **The DFMR is a member of IOC, CIESM and**
- **a founded member of MedGOOS**

# MAMA-MedGOOS related activities in CYPRUS

- ✓ **OCEANOGRAPHY - infrastructure** related to open deep sea/coastal monitoring, data archiving and operational ocean forecasts activities :
- ✓ **CYBO-Cyprus Basin Oceanography** (long term seasonal monitoring at coastal and deep sea areas of the Cyprus and SE Levantine basins)
- ✓ **CY-GLOSS** (coastal station- long term operational monitoring on sea level and temperature)
- ✓ **NOAA-AVHRR** ground receiving station (daily SST images)
- ✓ **CY-NODC** (data processing and data QC)
- ✓ **CY-MFS** (high resolution weekly operational forecasts in the Cyprus and NE Levantine basins: currents, temperature, salinity)
- ✓ **MEDSLIK** (pre-operational oil spill model in the Levantine basins)
- ✓ **MEDPOL** (pre-operational dispersion model in the Levantine Basin)

# MAMA-MedGOOS related activities in CYPRUS

- ✓ **OCEANOGRAPHY- activities** within several EU projects promoting ocean/coastal monitoring, data archiving and operational ocean forecasts :
- ✓ **MFSP - Mediterranean Forecasting System Pilot Project (EuroGOOS activity)**
- ✓ **MEDAR / MEDATLAS - II- Mediterranean Oceanographic Atlas**
- ✓ **CYCLOPS - Cycling the Phosphorous in the Mediterranean Sea**
- ✓ **MAMA - Mediterranean network to Assess and upgrade Monitoring and forecasts Activities in the region ( MedGOOS activity)**
- ✓ **MFSTEP - Mediterranean Forecasting System Towards Environmental Predictions (EuroGOOS activity)**
- ✓ **SEA-SEARCH - Network of the European Oceanographic Data Centers**
- ✓ **ESEAS-RI - European sea level research infrastructure(MedGLOSS activity)**

# MAMA-MedGOOS related activities in CYPRUS

- ✓ **Marine Biology and Ecology - activities**
- ✓ monitoring the effects of the environmental disturbances caused by marine aquaculture, desalination plants, construction of breakwaters on macrobenthos.
- ✓ Example Project : MedVeg.
  
- ✓ **Marine Pollution - activities**
- ✓ monitoring on the quality of the coastal waters, analysis of heavy metals and pesticides in marine biota and sediment.
- ✓ Example Project : Med-Pol.

# MAMA-MedGOOS related activities in CYPRUS

## End users

- ✓ **Oil spill** : National and Subregional contingency plan for preparedness and response to major pollution incidents in the Levantine
- ✓ **Search & rescue operations** : Search and rescue center, Port Authority, police
- ✓ **Pelagic Fisheries** : fisheries consortiums
- ✓ **Marine aquaculture** : fish farmers
- ✓ **Coastal & open sea engineering** : desalination plans, cable laying, oil & gas industry, environmental agencies
- ✓ **Navigation** : shipping companies and yachting clubs
- ✓ **Tourism** : tourism organizations, media