

MAMA KICK-OFF MEETING

IOC/UNESCO

11 – 13 March, 2002

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28 rue 2 mars 1934
2025 Salammbô, Tunisia

INSTM



- **MARINE ENVIRONMENT LAB**
- **Research themes**
- Physical Oceanography
- Water Quality
- Toxic phytoplankton
- Ecotoxicology
- GIS and ODC

MARINE ENVIRONMENT LAB

Scientific Staff: 15

Young Scientists: 5

Technician: 7

Ext. Nat. Collaboration: 7

NATIONAL COOPERATION (*short list*)

- Ministry of Environment (ANPE, APAL, CITET etc.),
- Ministry of Universities (FST, FSS, FSB, FSM, ENIT, etc.)
- Ministry of Health (bathing water quality)
- Ministry of Industry
- SHO (Navy)
- CNT (Teledetection)

FOCAL POINT for National Oceanographic Data Center

FOCAL POINT for MedPOL (UNEP)

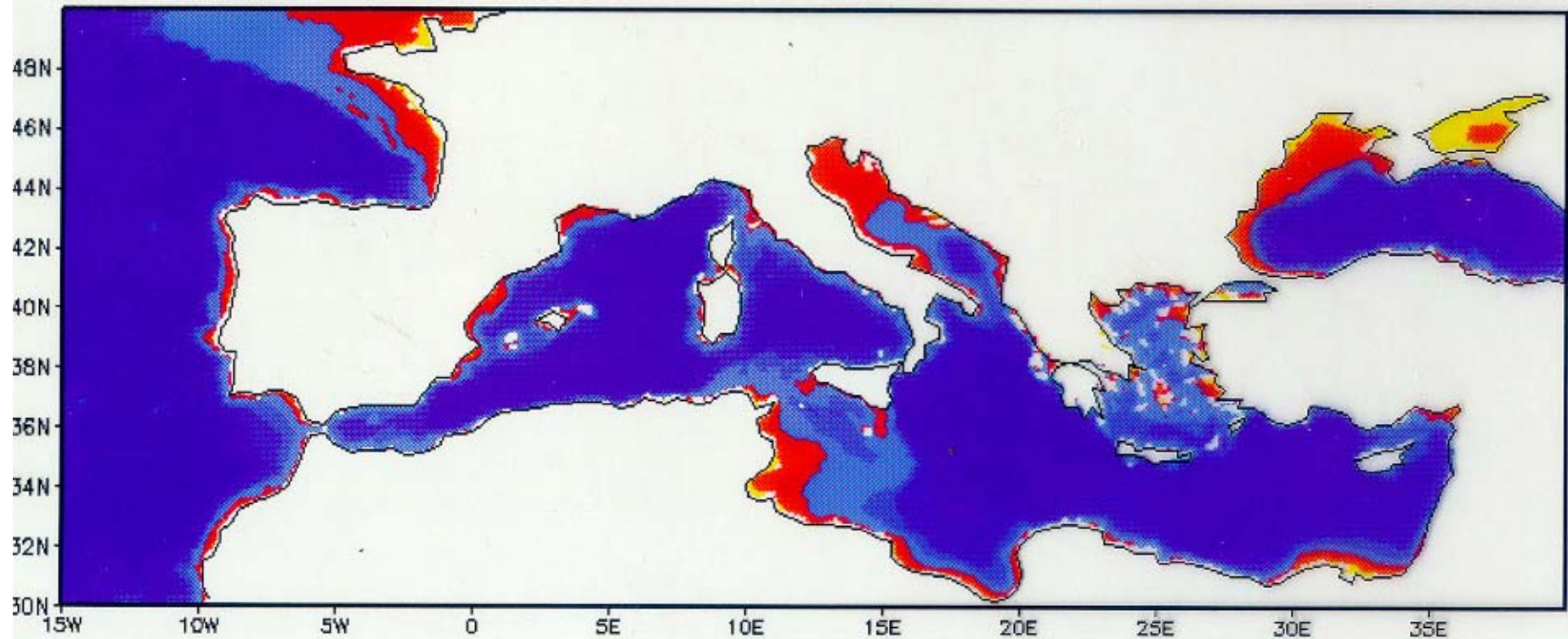
INTERNATIONAL COOPERATION (*short list*)

- EU (SALTO, MATER, MAMA)
- FAO, UNEP, GEF, IOC/UNESCO (ODINAFRICA)
- FRANCE (IFREMER, CNRS), Italy (SO/La Spezia)
- USA (WHOI)
- CANADA (Univ. of Rimouski)
- JAPAN (ORI/Univ. Tokyo)

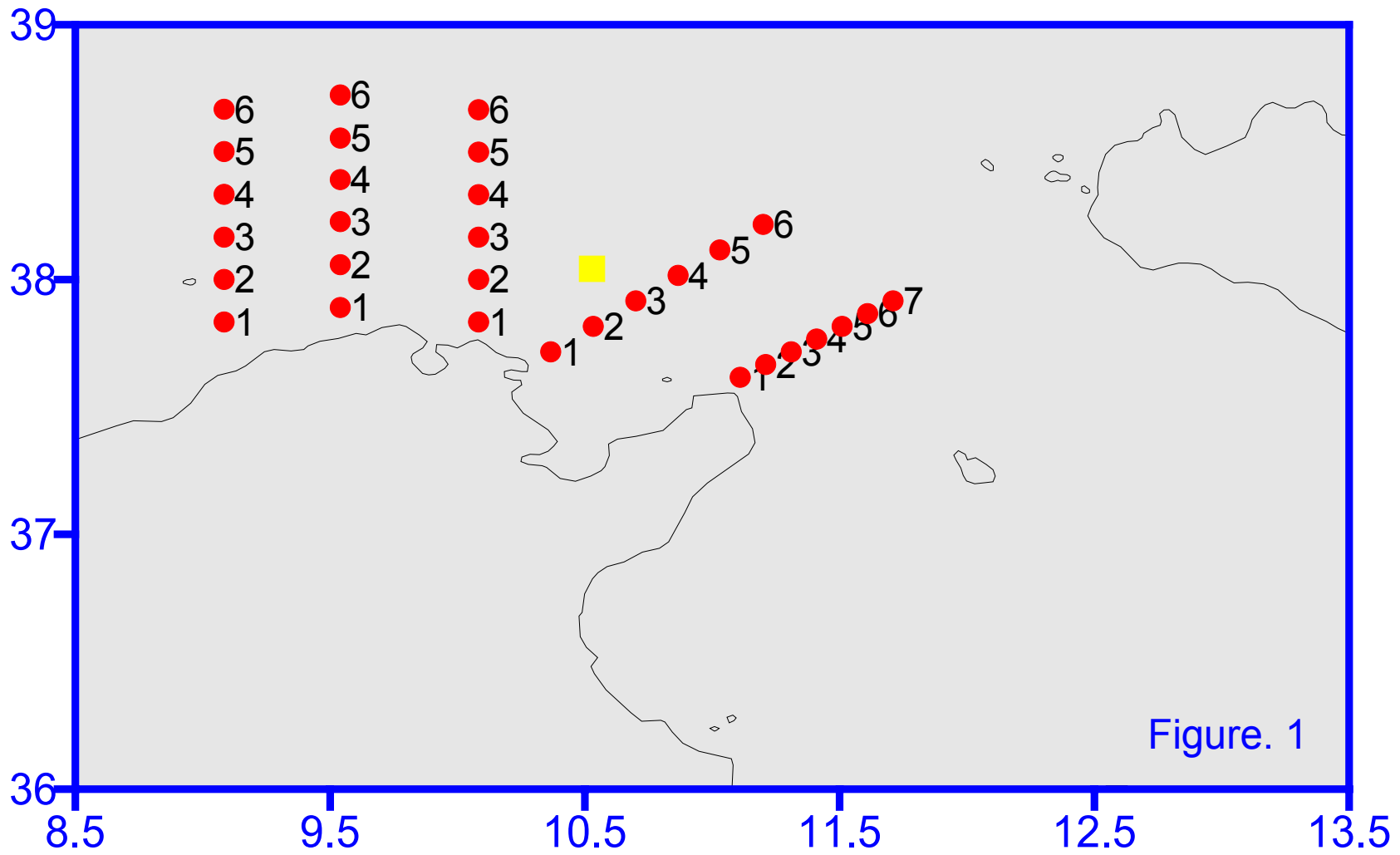
R/v HANNIBAL



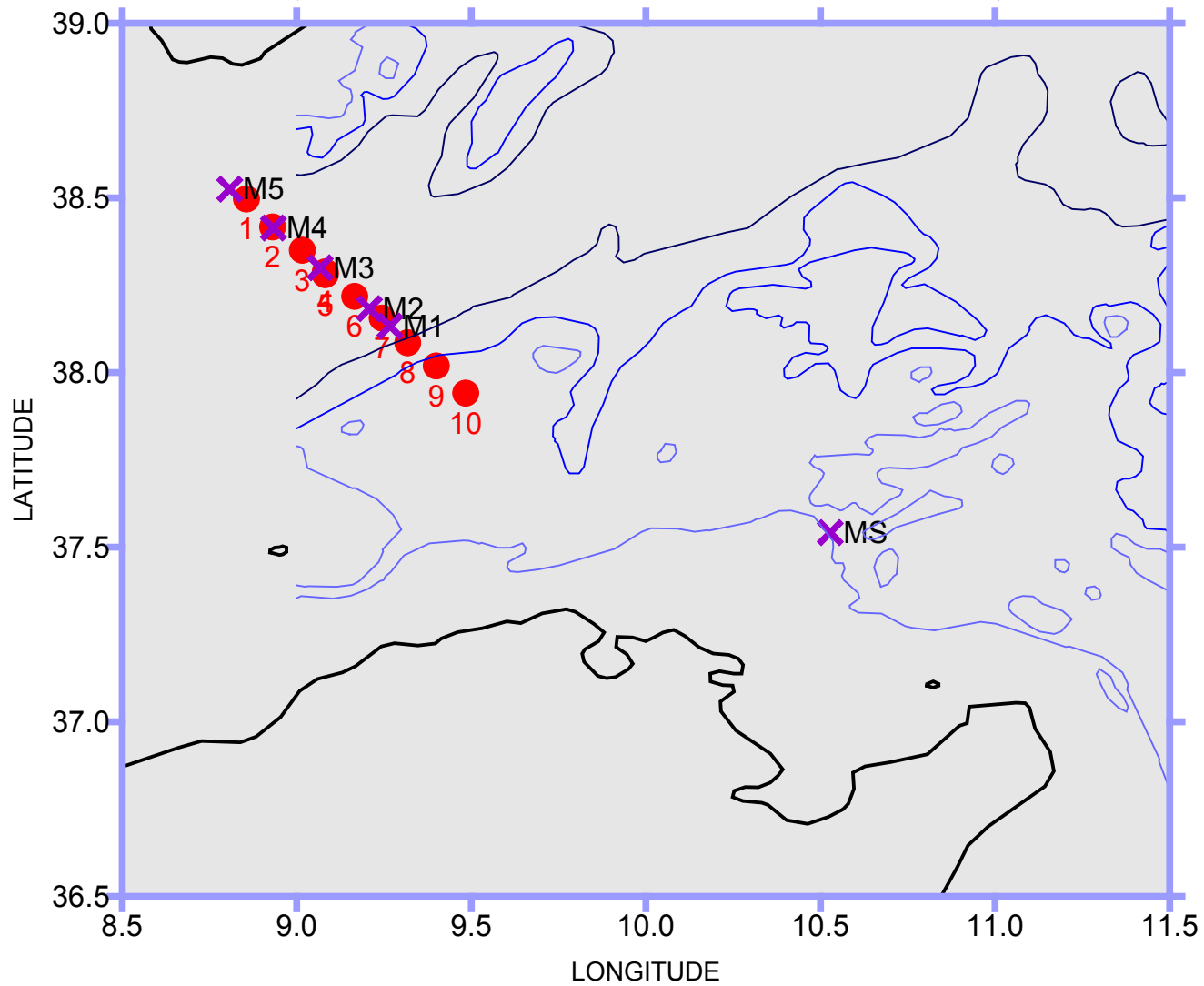
SHELF AREAS AND BATHYMETRY OF THE MEDITERRANEAN SEA



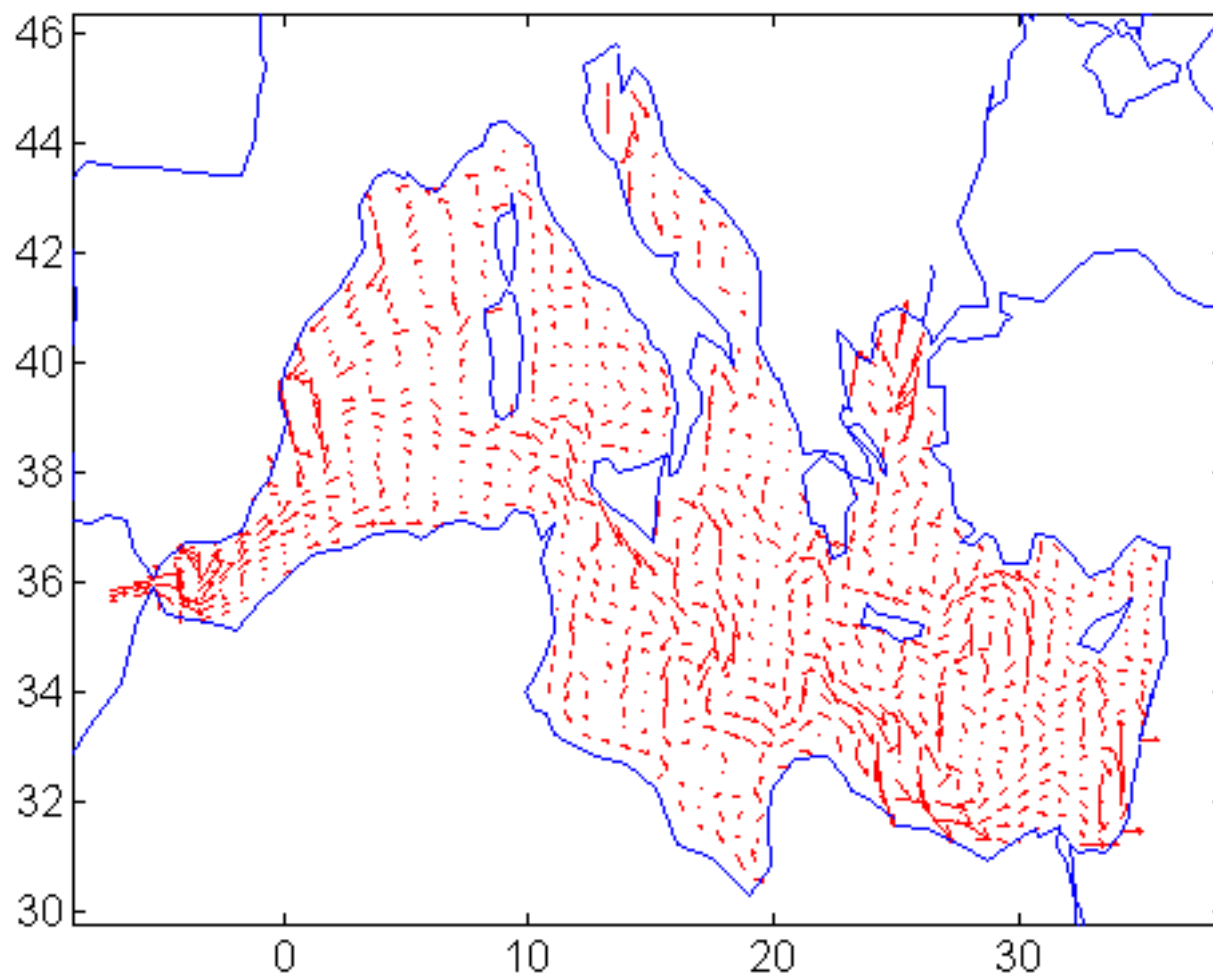
CTD OBSERVATIONS NETWORK (SALTO AND MATER PROJECTS SUPPORTED BY EU)



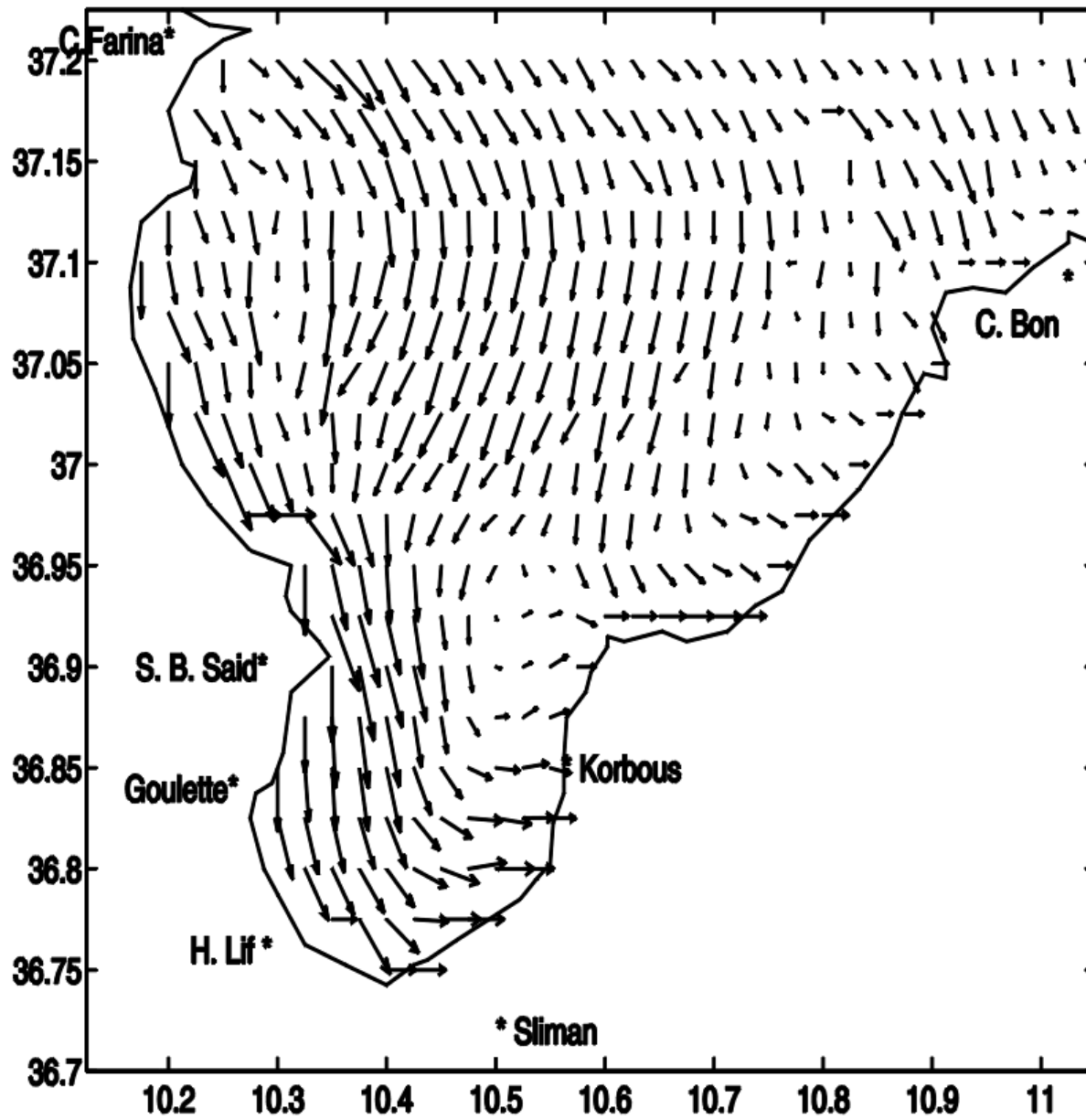
CURRENTMETERS MOORING (MATER PROJECT)

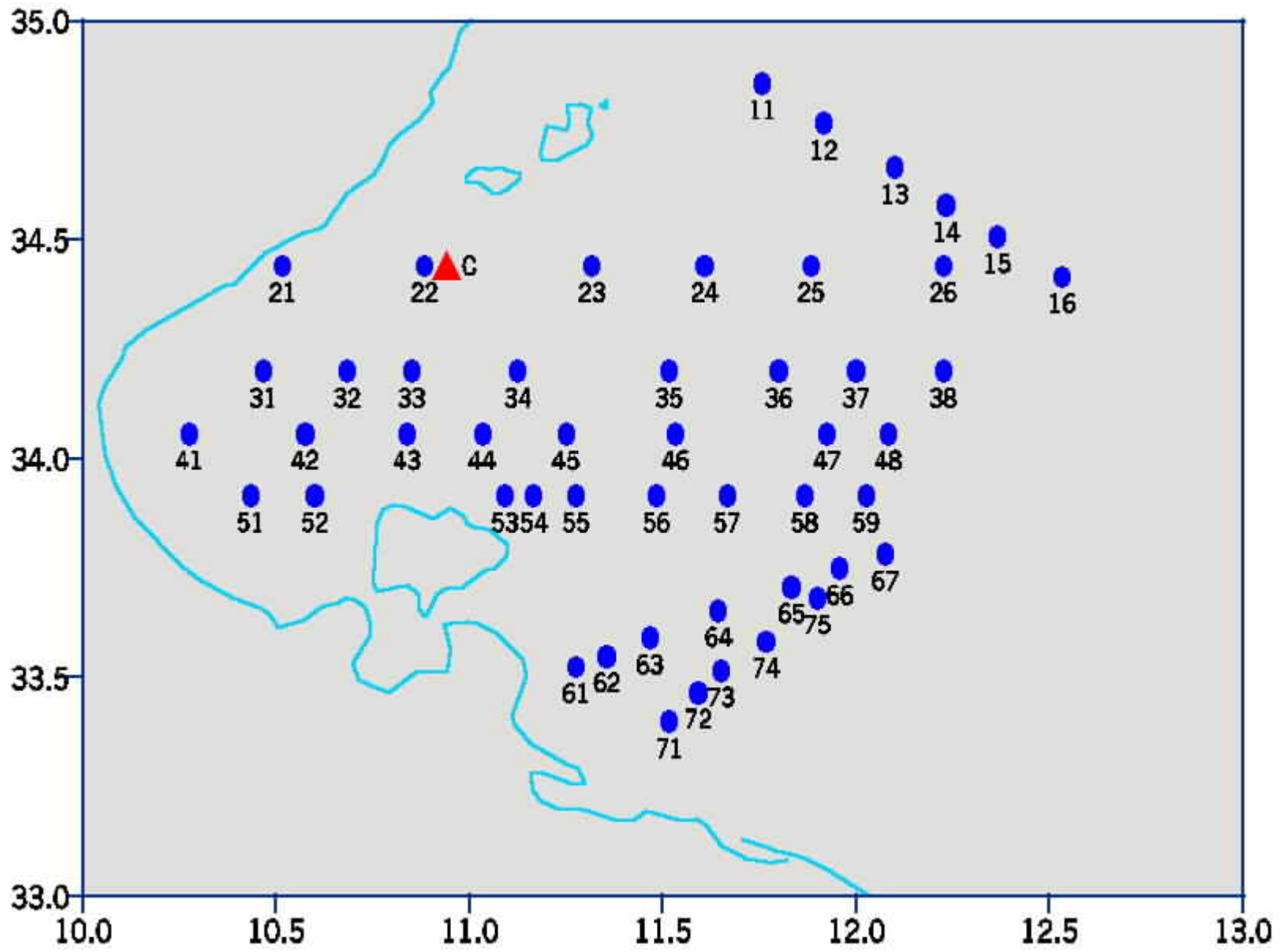


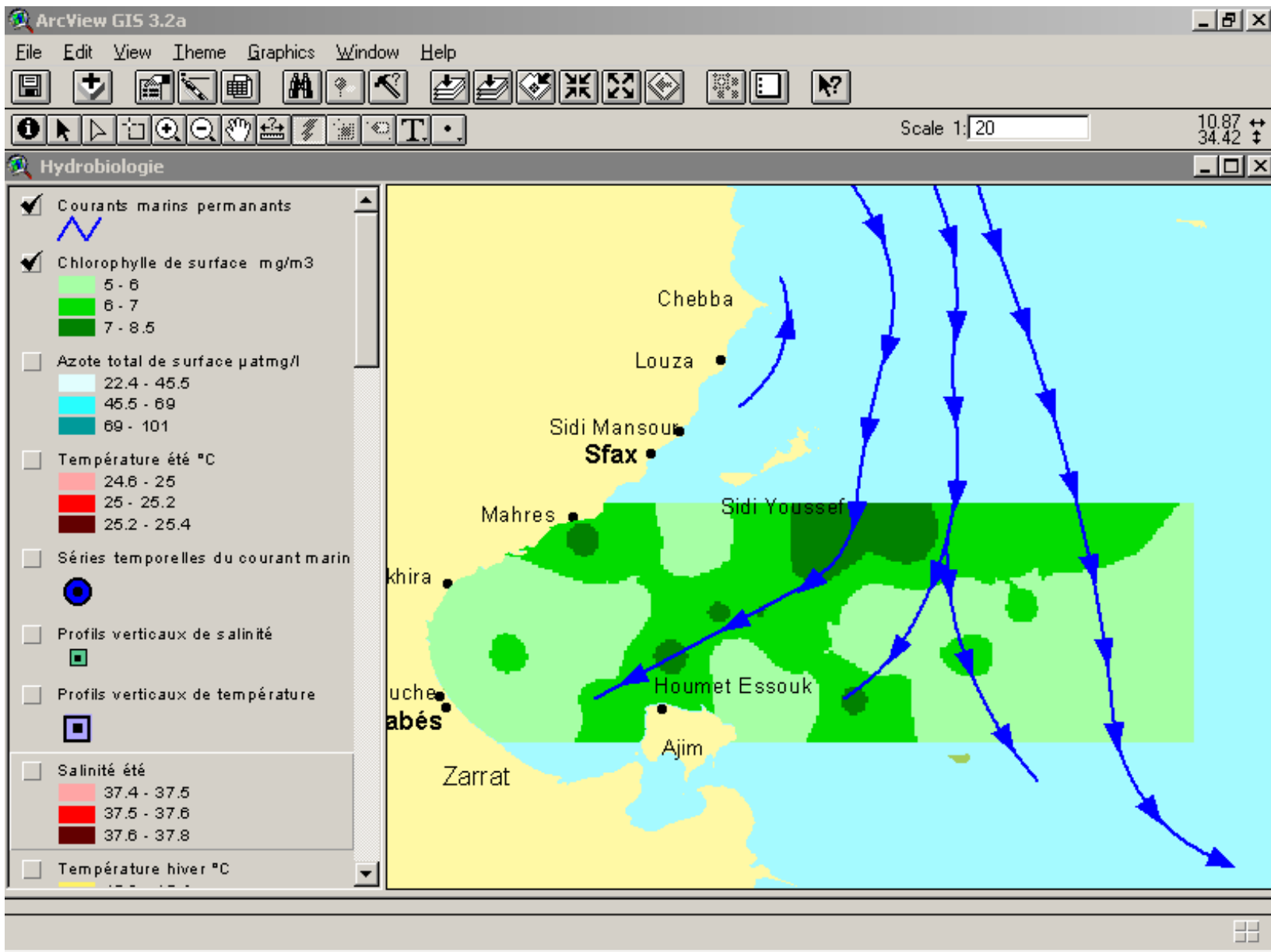
INSTM Model Surface Currents



Golfe de Tunis 05H30

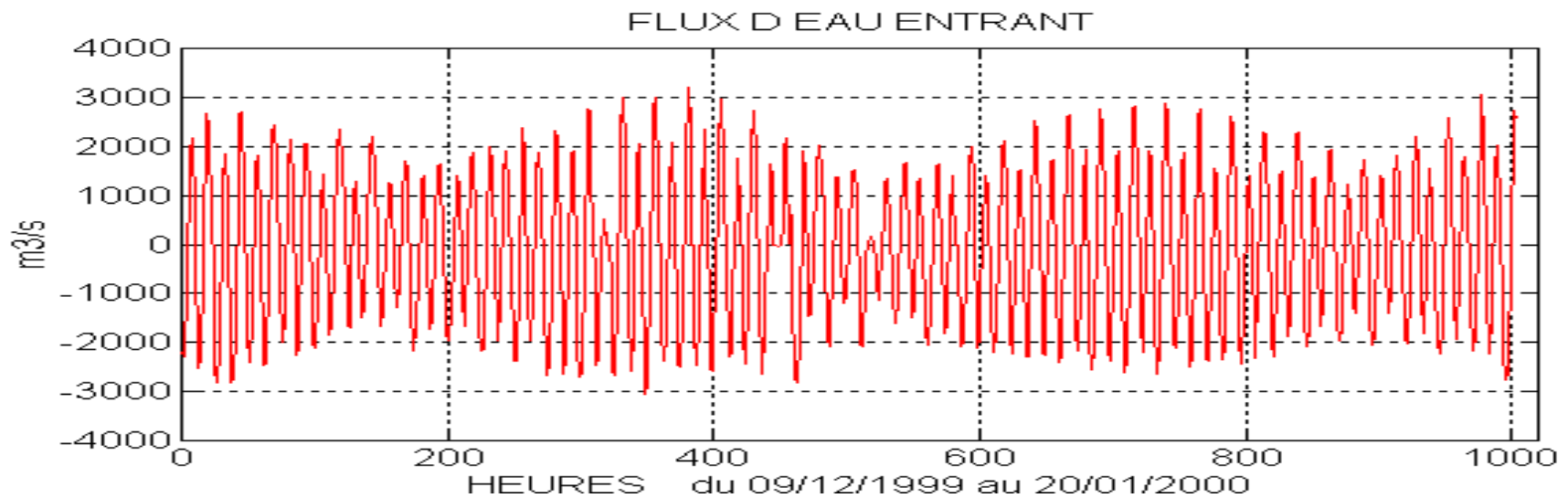
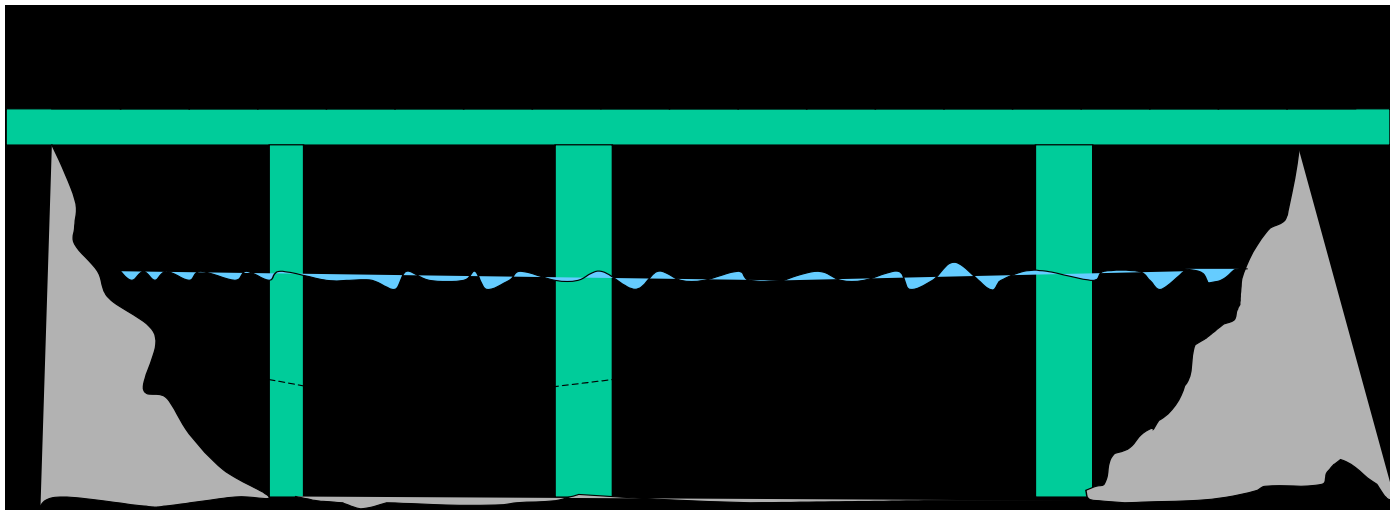






HYDRODYNAMIQUE

MESURES DES ECHANGES LAGUNE-MER

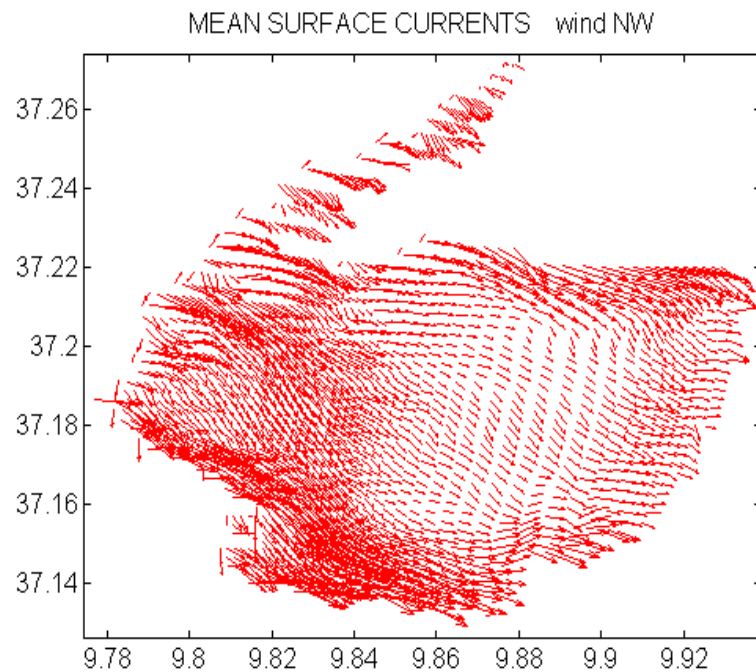


HYDRODYNAMIQUE

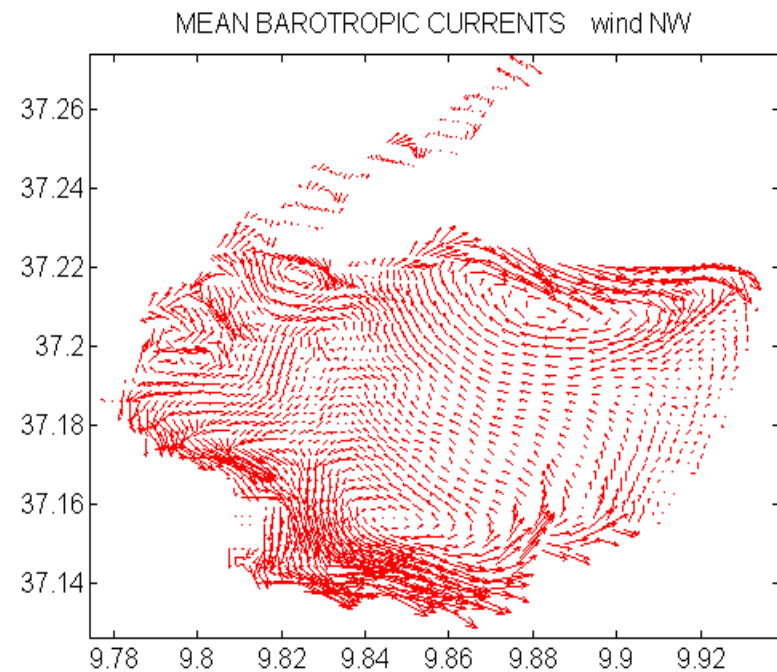
CIRCULATION SIMULEE

SOUS UN VENT DU NORD-OUEST

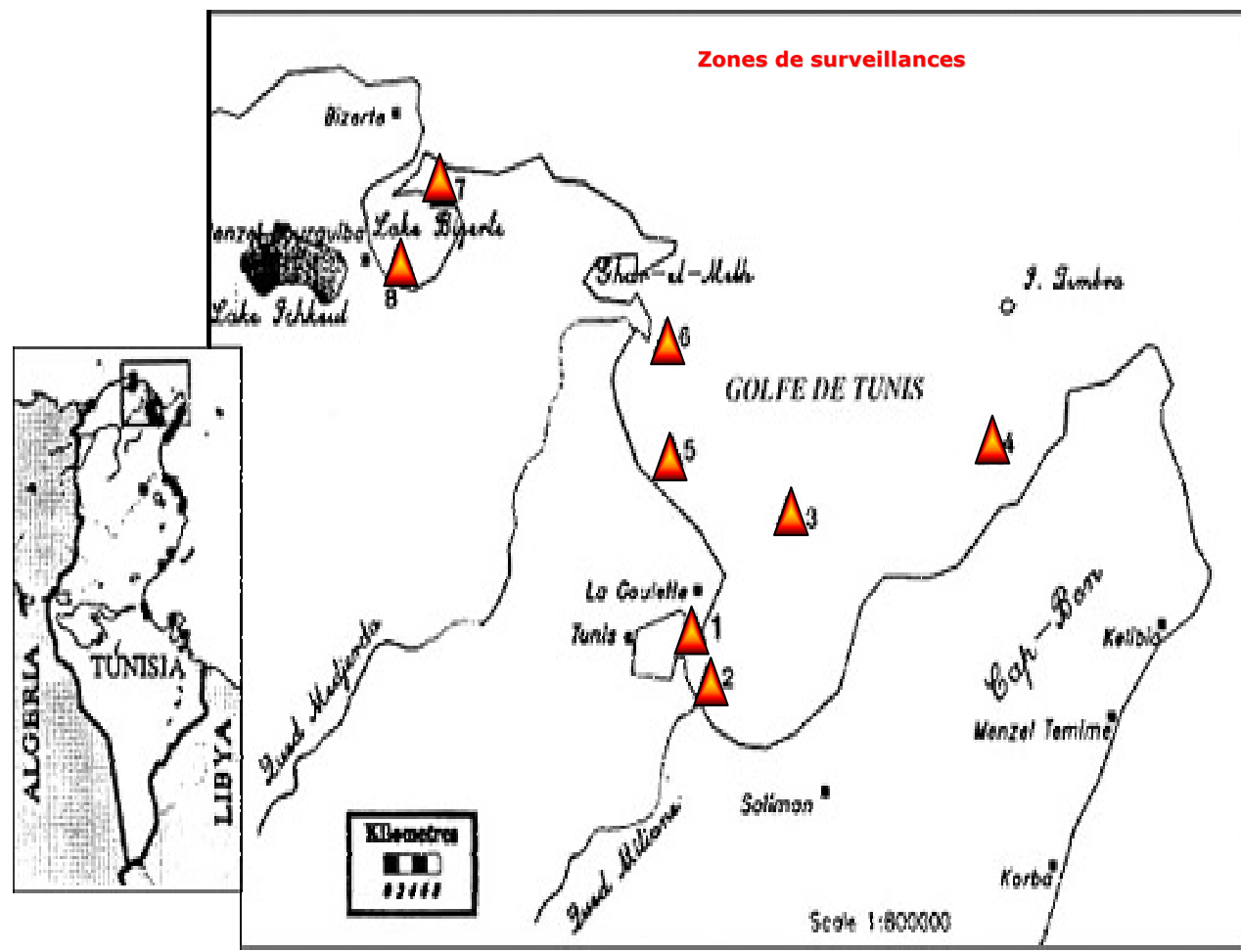
CIRCULATION DE SURFACE



CIRCULATION INTEGREEE



Zones de surveillances



WHAT WE ARE WAITING FROM MAMA?

- REINFORCE OUR CAPACITY BUILDING
- USE EXPERIENCE FROM MFSPP (BC and IC)
- USE DATA FROM Mediterranean Forecasting Centre
- PUT IN PLACE AN OPERATIONNEL FORECASTING MODEL