

**IAEA Environment Laboratories collaboration  
with  
UNEP Regional Seas Conventions and Action Plans**

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**17<sup>th</sup> Global Meeting for the Regional Seas Conventions and Action Plans  
Istanbul, Turkey, 20-22 October 2015**

# Environment Laboratories: the only environment laboratories in the UN system

The Environment Laboratories provide Member States with

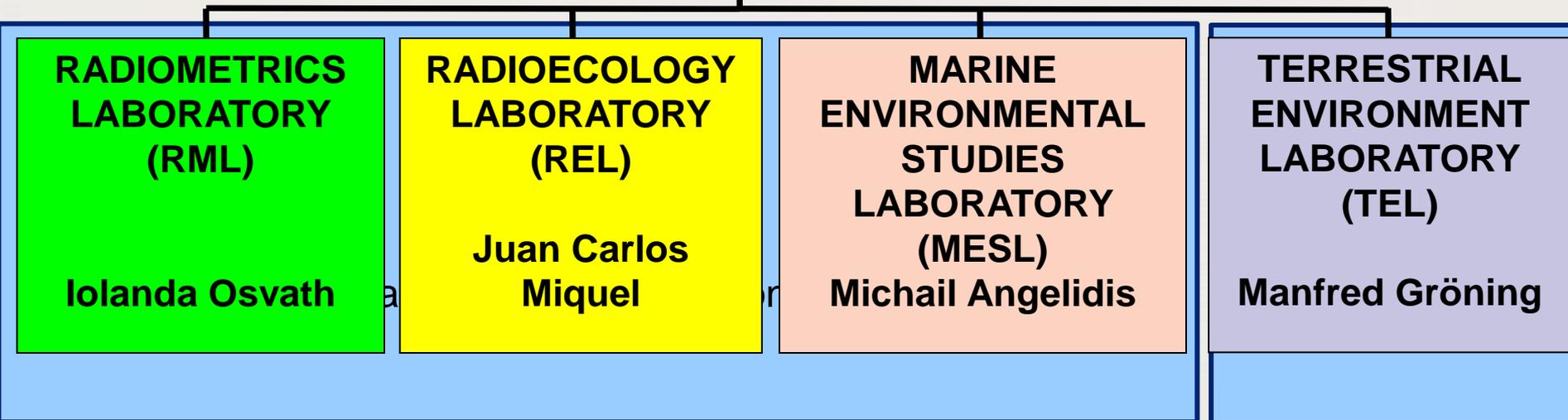
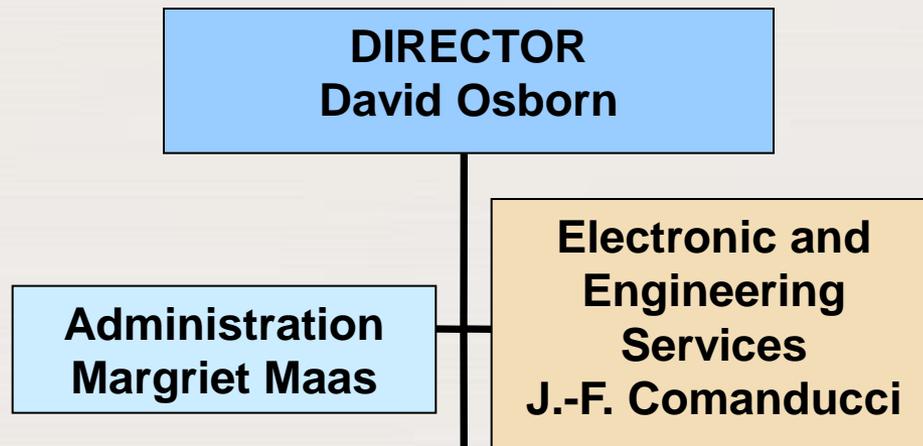
- *Research & Developments*
- *Applications of nuclear & isotopic techniques*
- *Transfer of knowledge and Capacity building (IAEA Technical Cooperation Programme)*
- *Strategic partnerships to deliver the UN programmes on sustainable development of the ocean*



*Since 1974, IAEA EL collaborate with UNEP Regional Seas to strengthen Member States capacity to analyse contaminants in Regional marine pollution monitoring programmes*

# IAEA-NAEL ORGANIZATIONAL STRUCTURE

in Monaco and Seibersdorf

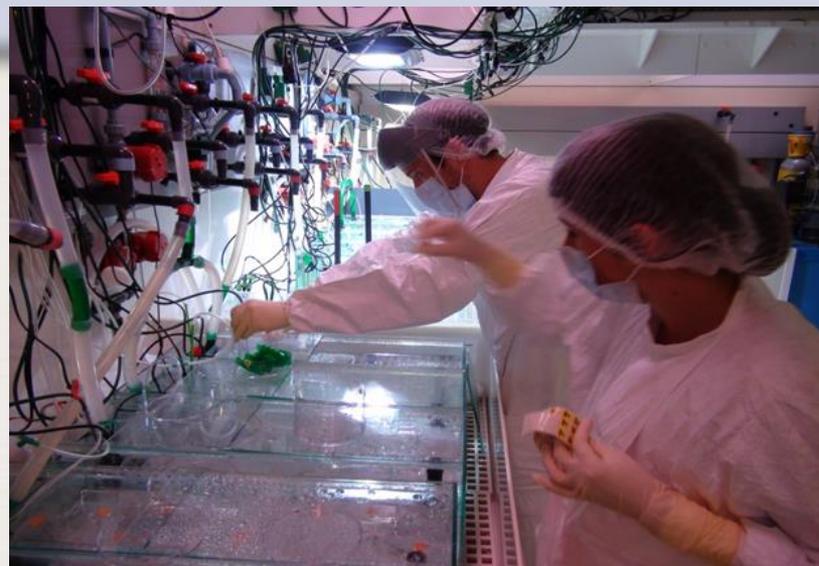


## Radio-Chemical Analytical Facilities

Underground lab (35-m water-equivalent depth)



## Radio-Experimental Facilities



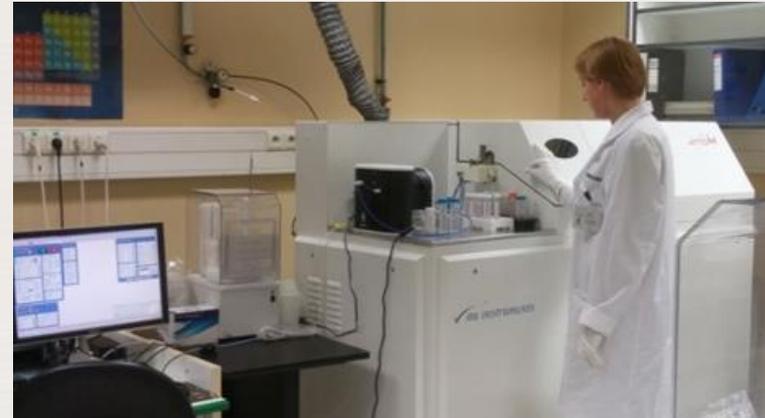
# Method development for the analysis of contaminants



**Radionuclides**



**Chlorinated pesticides  
Petroleum  
hydrocarbons  
POPs**



**Trace elements**



**HABs biotoxins**



# Production and provision of Reference Materials for laboratory performance support



**110+ reference materials (RM) available for radionuclides, stable isotopes, trace elements and organic compounds**



# UNEP Regional Seas – IAEA/NAEL collaboration

HELCOM

UNEP/MAP

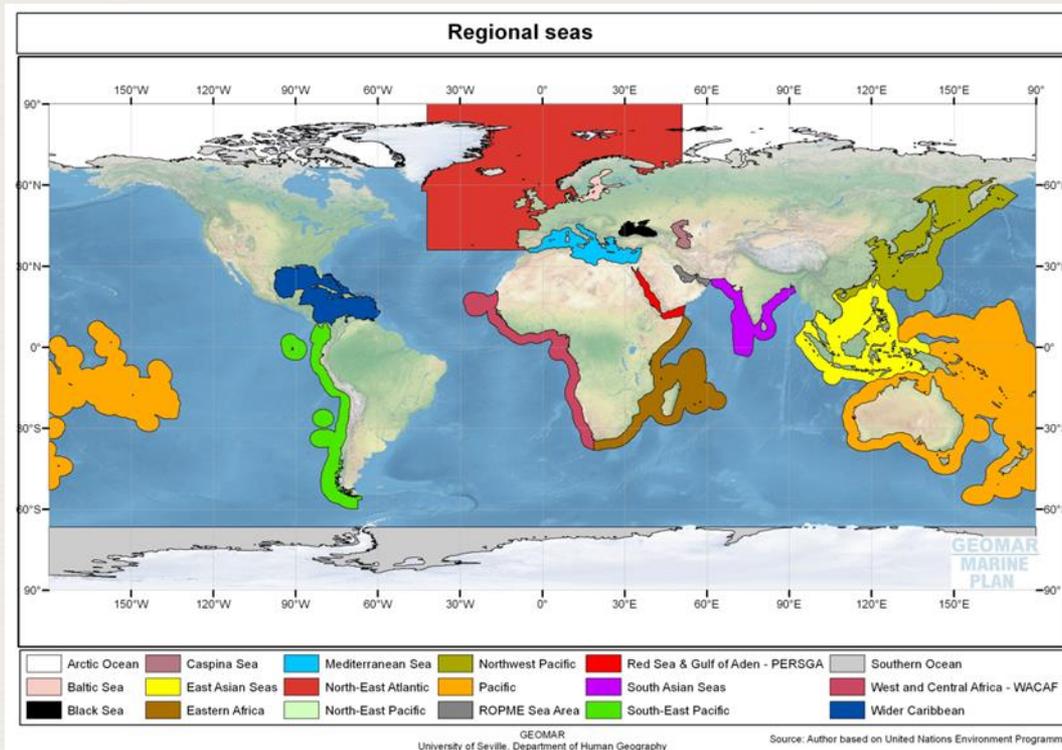
BSC

OSPAR

ROPME

PERSGA

SPREP



Caribbean

IAEA TC Projects

Caspian



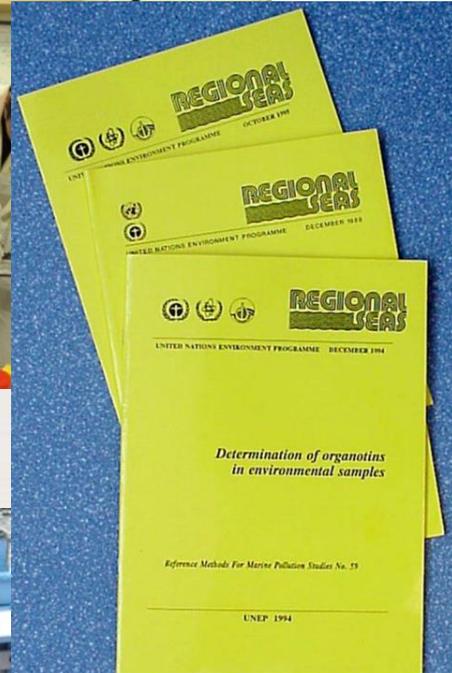
# UNEP/MAP – MED POL (since 1974)

- ❖ 55 Training Courses on trace elements and organic contaminants
- ❖ 320 scientists trained
- ❖ 17 Mediterranean countries

63 Recommended Methods developed for the analysis of contaminants marine samples (UNEP – IAEA – IOC/UNESCO)

30 world-wide ILCs and 25 Mediterranean Regional Proficiency Tests organised

Ongoing collaboration with IAEA



预览已结束，完整报告链接和二维码如下：

[https://www.yunbaogao.cn/report/index/report?reportId=5\\_11595](https://www.yunbaogao.cn/report/index/report?reportId=5_11595)

