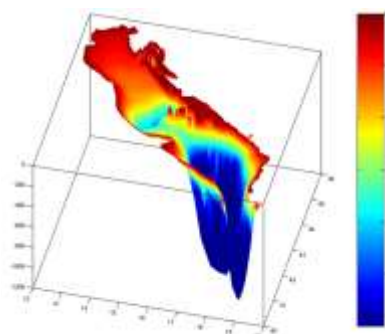
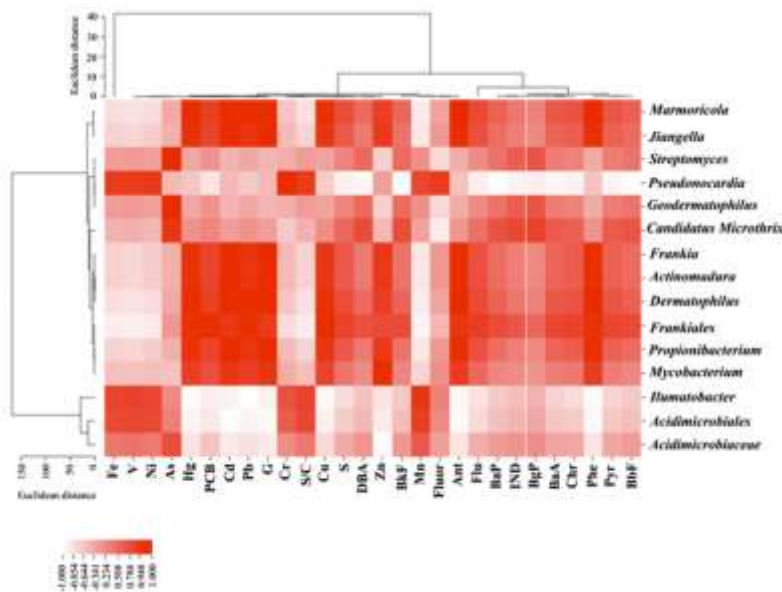


## *Physico-chemical and ecotoxicological evaluation of the Rovinj costal area sediments, NE Adriatic Sea, Croatia - Poster 122*

Bojan Hamer, Jadranka Pelikan, Maja Maurić, Dijana Pavičić-Hamer, Emina Pustijanac, Luka Traven, Robert Duran, Dušica Vujaklija and Georg Reifferscheid

- Pilot study of Pollution-sediment quality assessment, Microbial biodiversity and Gene mining.



# Physico-chemical and ecotoxicological evaluation of the Rovinj costal area sediments

## Aim:

- Spatial and temporal data on sediment quality in Croatia, regarding major groups of contaminants such as heavy metals, PAHs and PCBs are lacking.
- There is an urgent need that environmental authorities define limits for contaminants in sediments for different uses of this marine resource at national level.
- The aim of this particular study was to characterize the physico - chemical and ecotoxicological properties of local marine sediments.
- The values were compared with regional averages and suitable French regulations on sediment quality criteria, as Croatia and France are both Mediterranean countries with intensive aquaculture, tourism and maritime traffic activities.



## Sampling sites:

- 5 locations in Rovinj coastal area,
- Chosen according degrees of pollution,
- S5 – reference site.