



‘De la prospecció de recursos a la sostenibilitat ambiental. El rol de la geoquímica en els serveis geològics’

Manuel Viladevall,

Departament de Mineralogia, Petrologia i Geologia Aplicada, Universitat de Barcelona

Organització:



Col·laboradors:

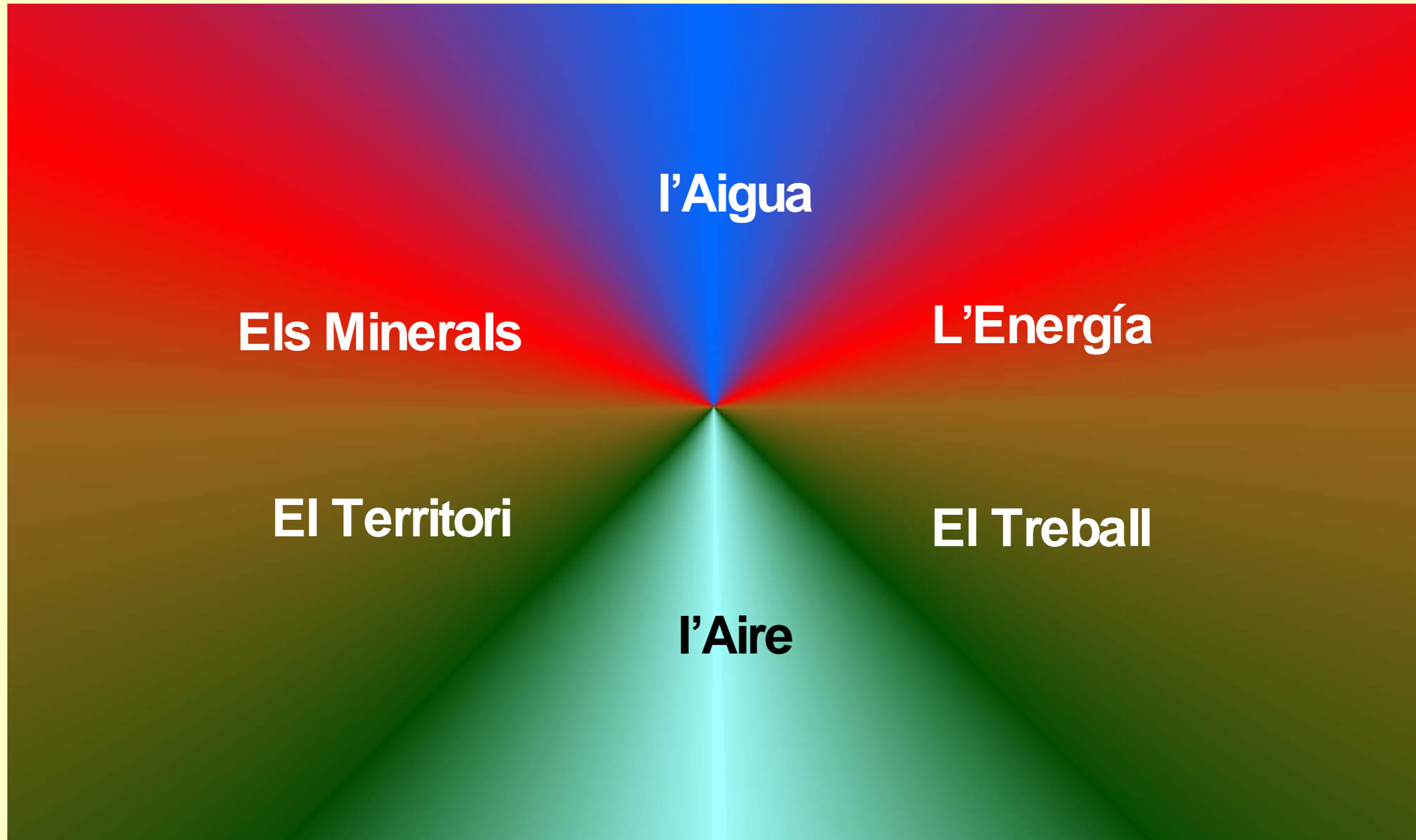


Patrocinadors:

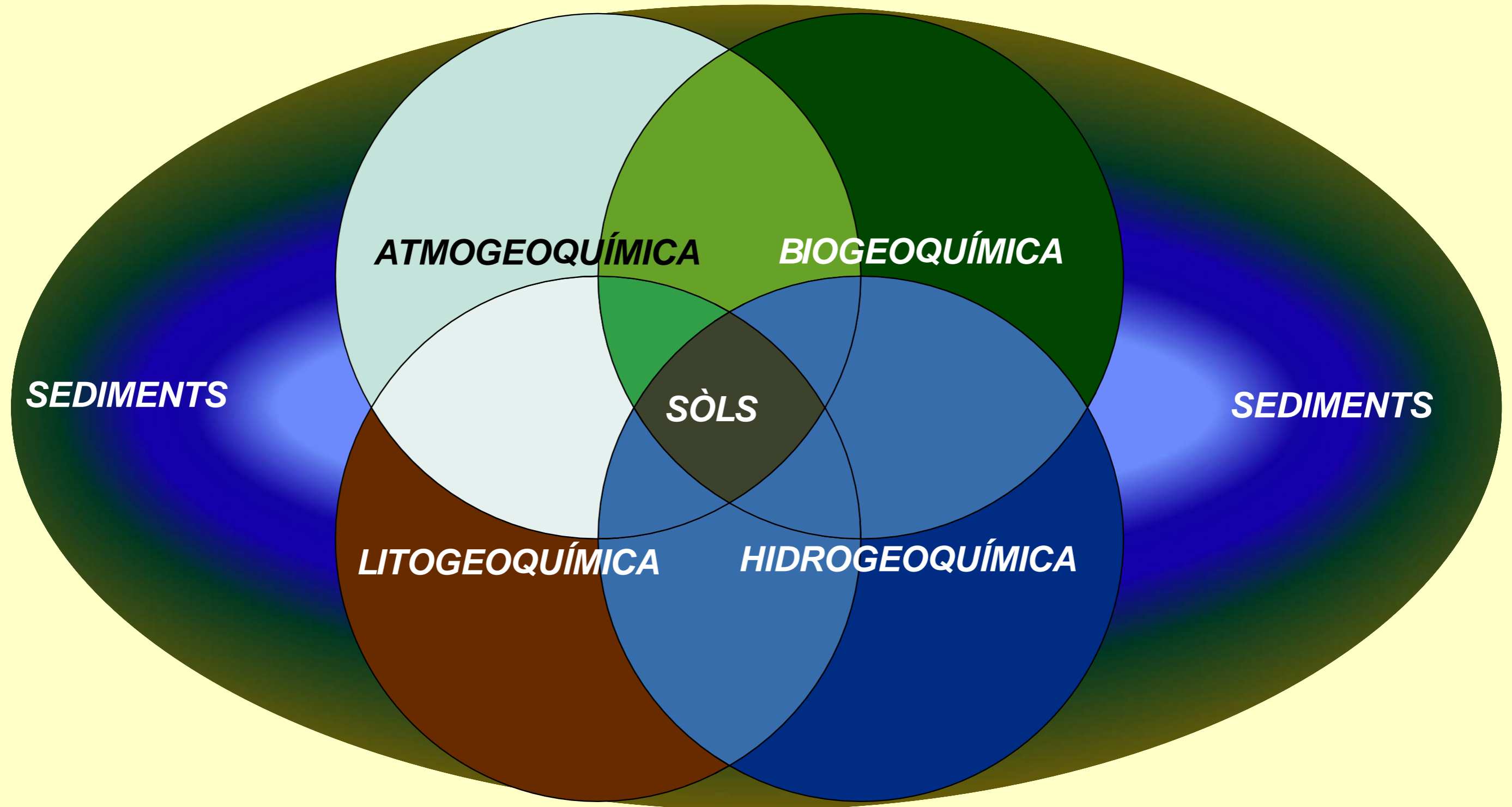


Recursos i Sostenibilitat

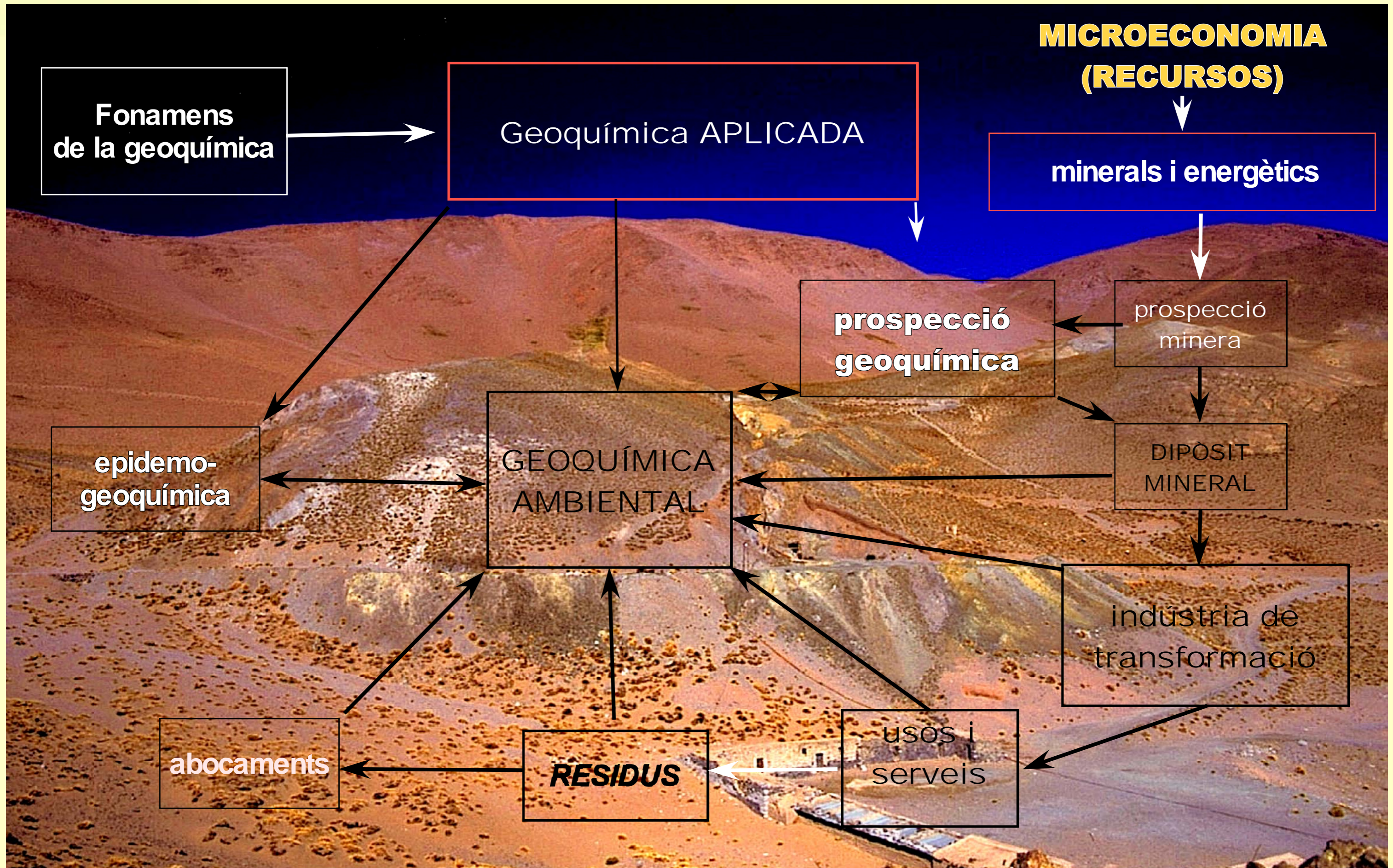
International Institute for Applied Systems Analysis (IIASA)



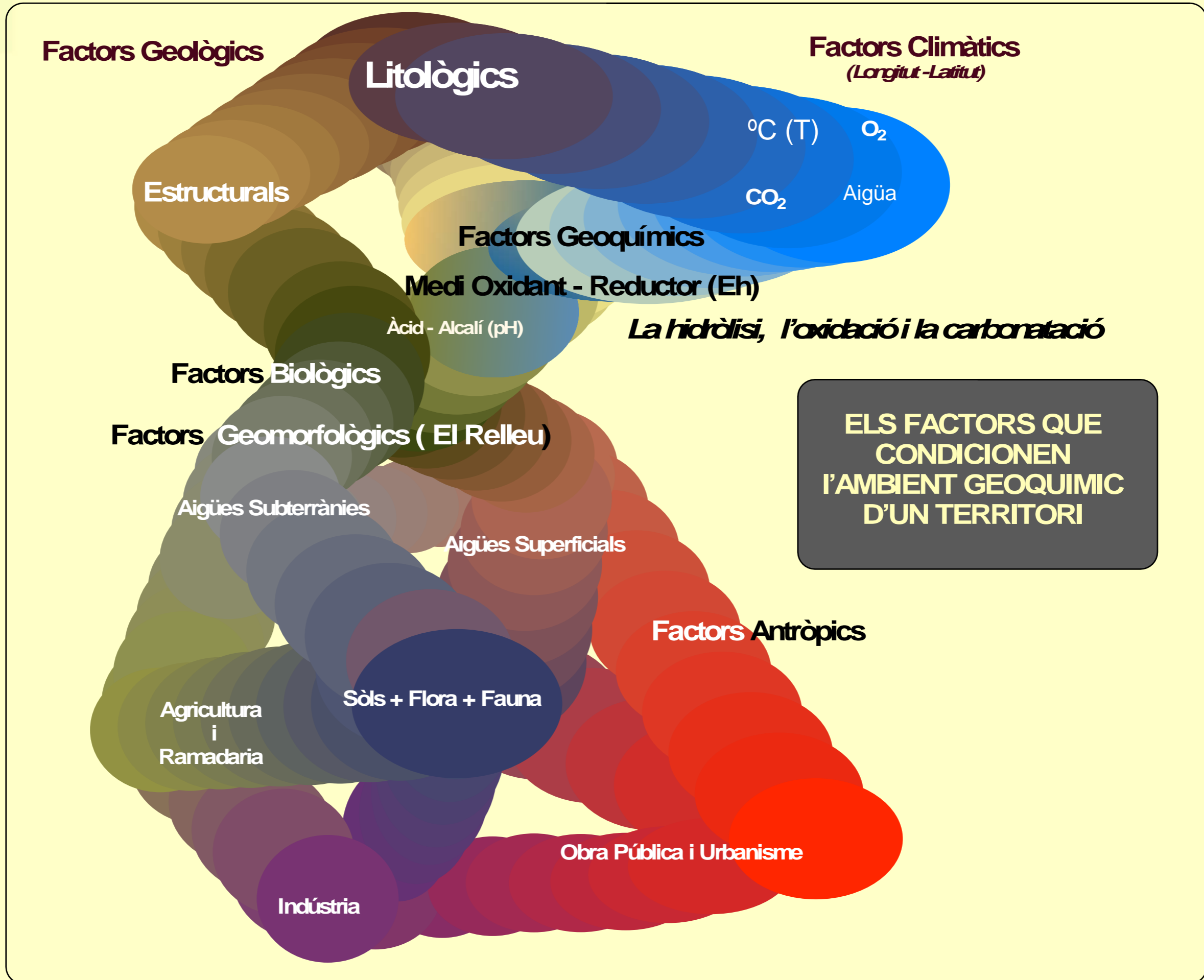
LA TERRA - LA GEOQUÍMICA



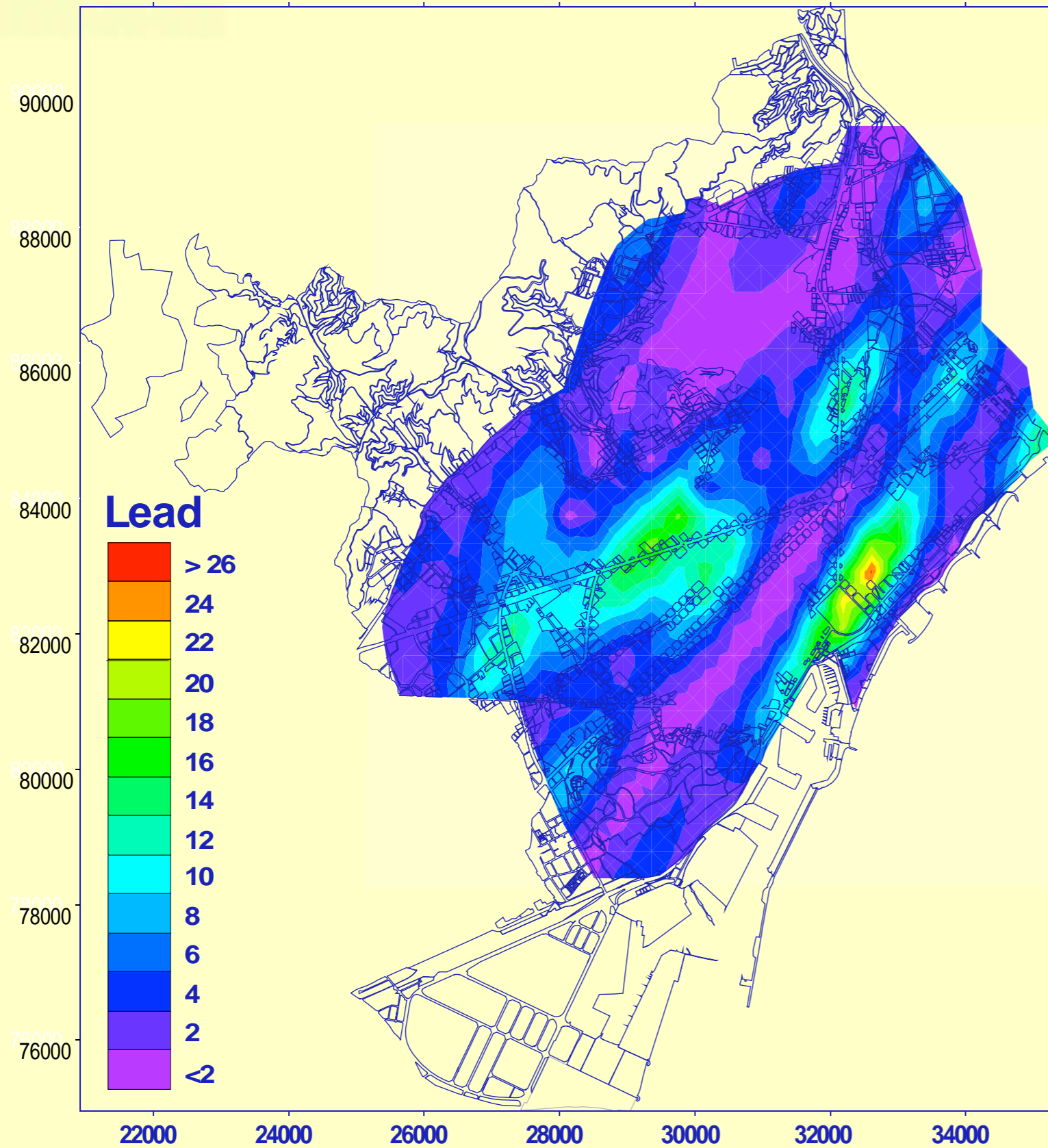
LES BASES DE LA PROSPECCIÓ GEOQUÍMICA



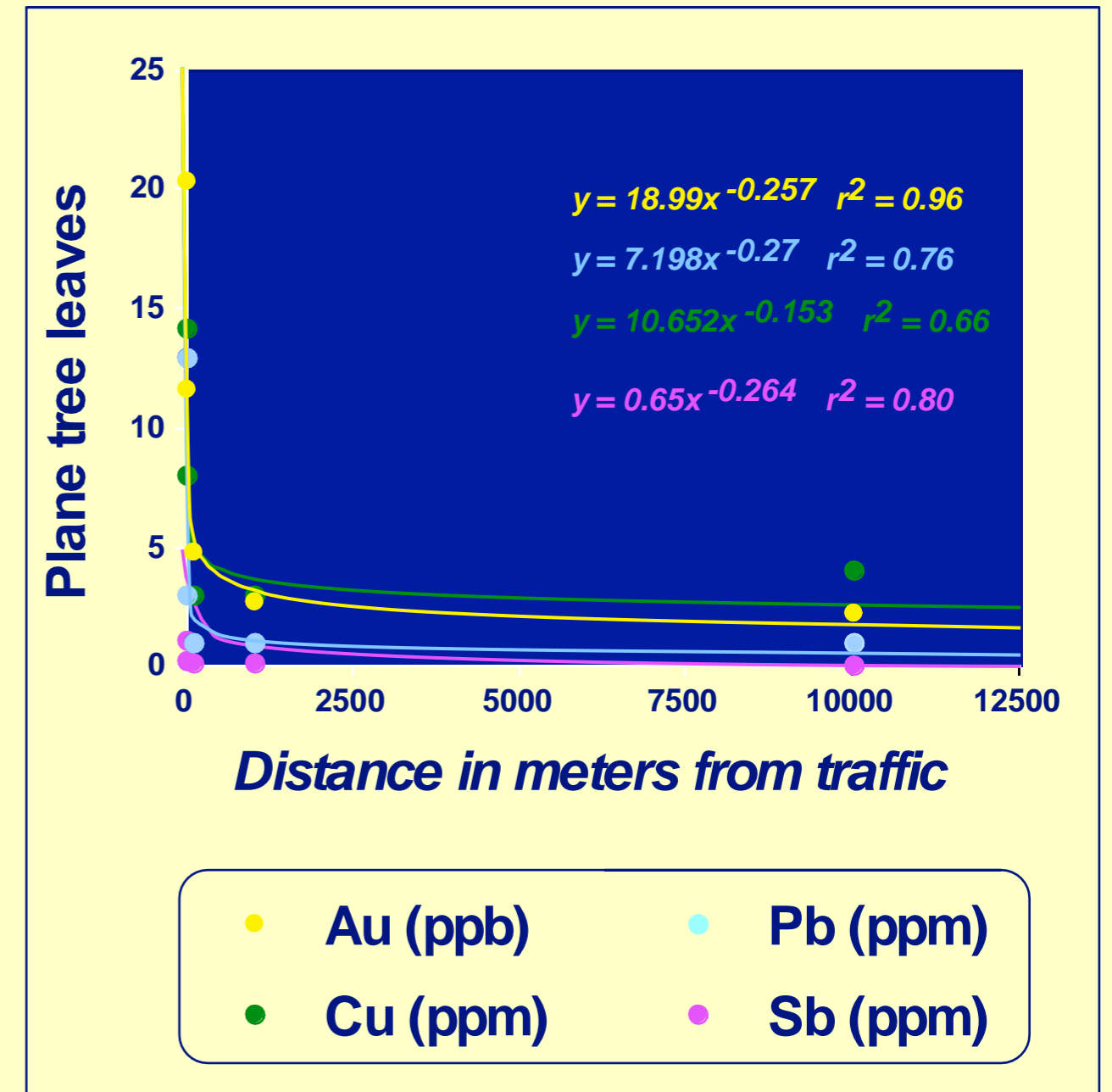
ELS FACTORS QUE AFECTEN AL SISTEMA TERRA

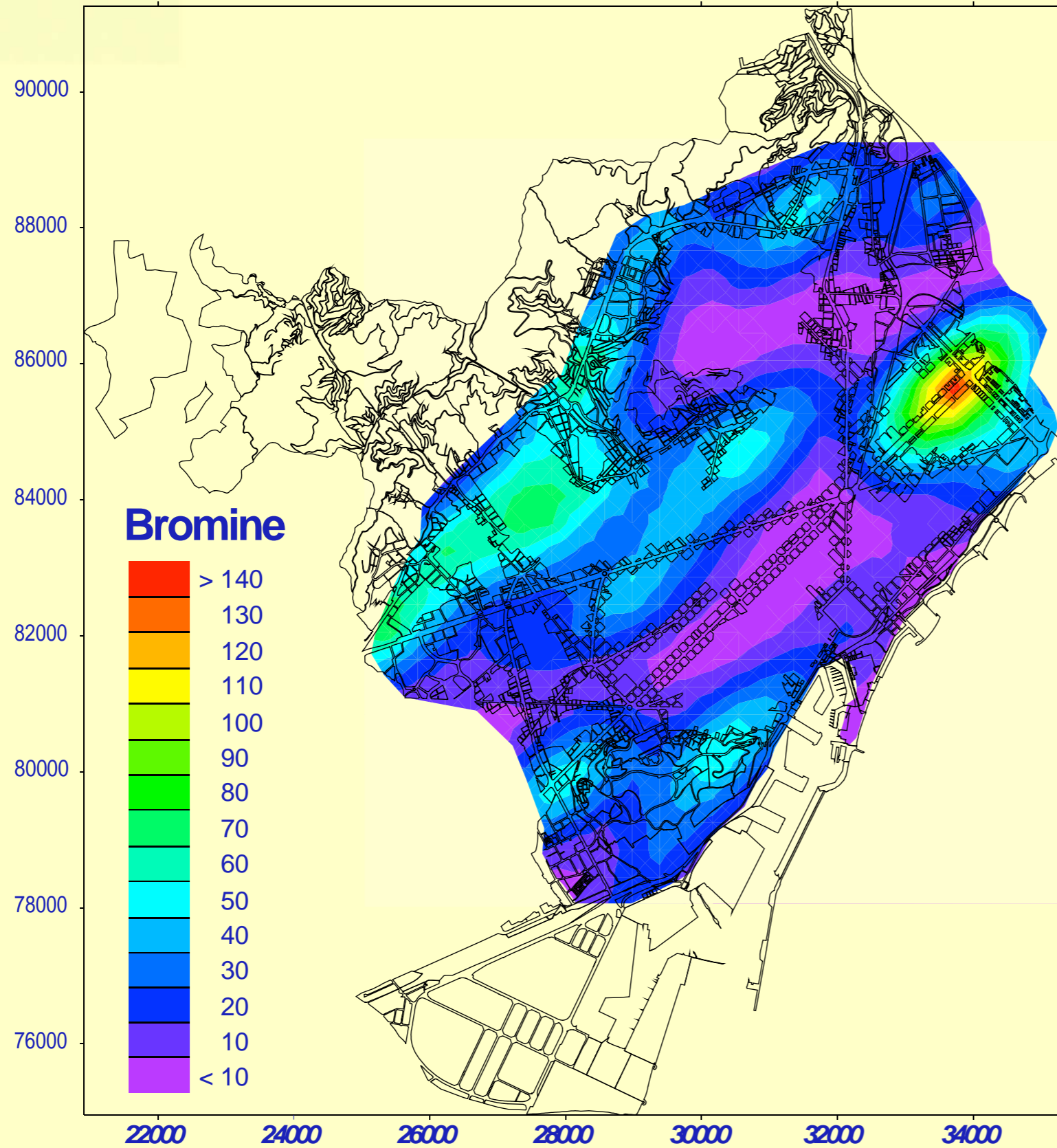


AIRE - HOME - TERRA - ENERGIA - MINERALS



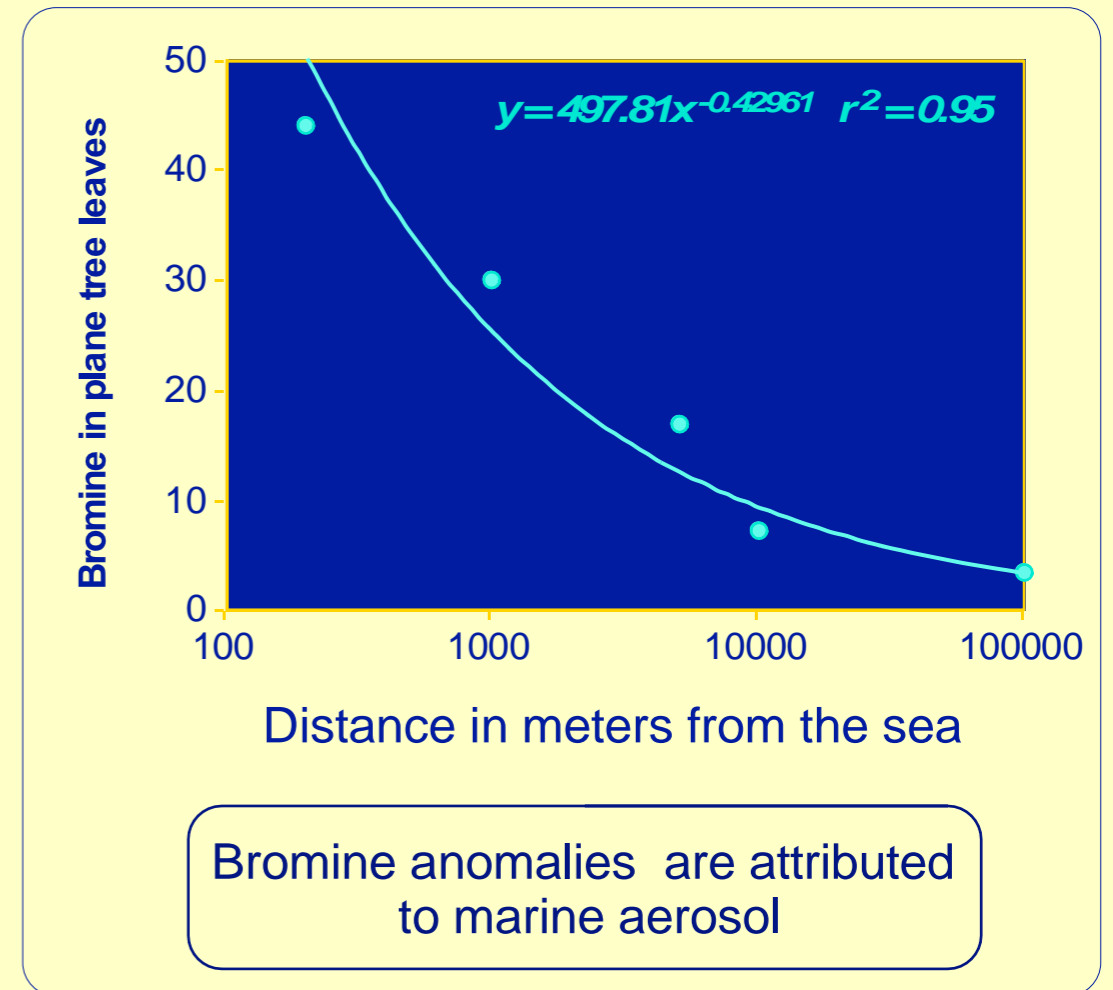
The main lead anomaly was observed in the main street of the city (Diagonal street) and around the port.



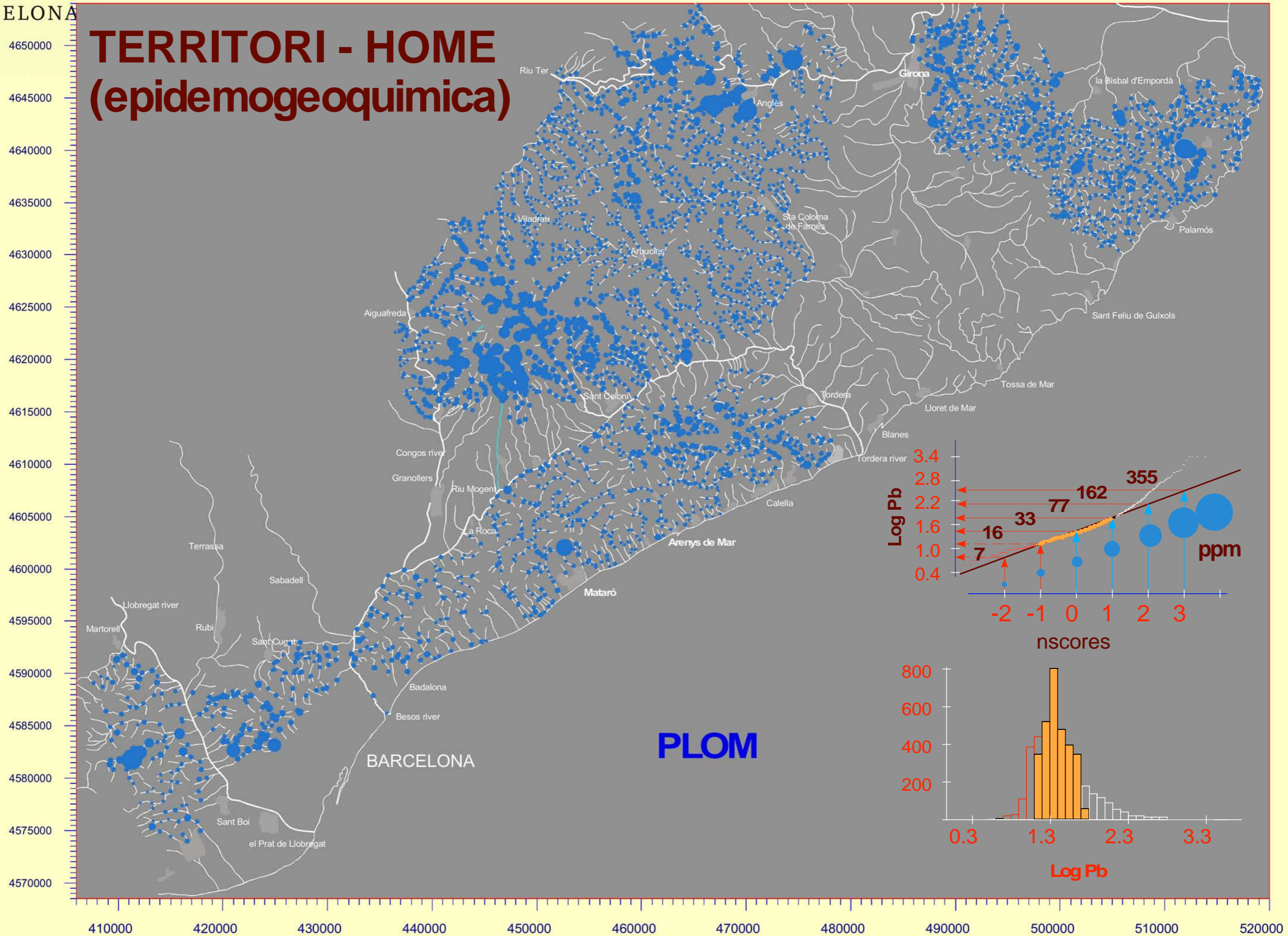


*Bromine anomalies were detected in some parts of the city.
(flanks of hills and banks of the Besos river)*

AIRE - HOME - TERRITORI

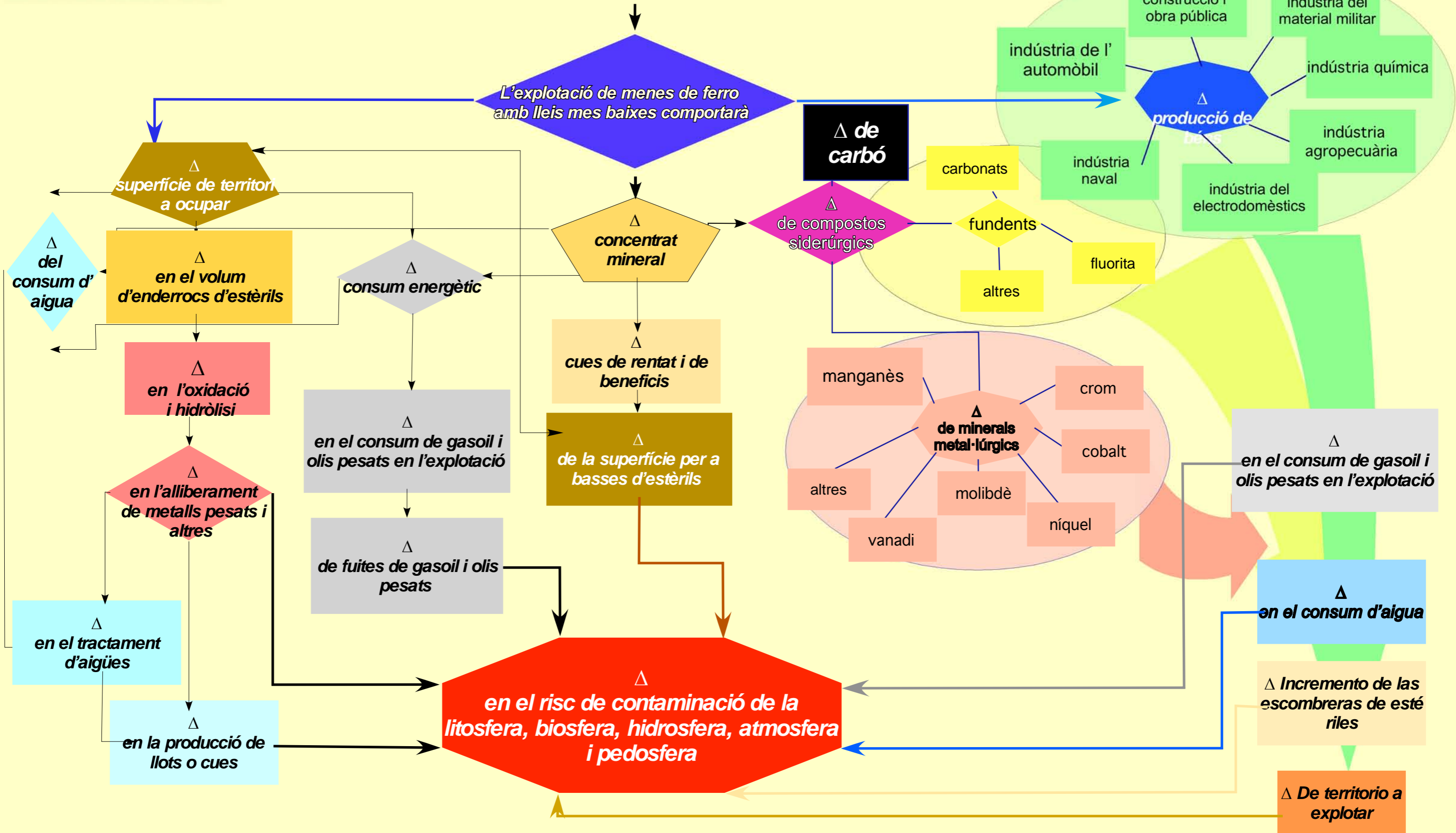


TERRITORI - HOME (epidemogeoequímica)



TERRITORI - ENERGIA - MINERALS - AIGUA - HOME - AIRE

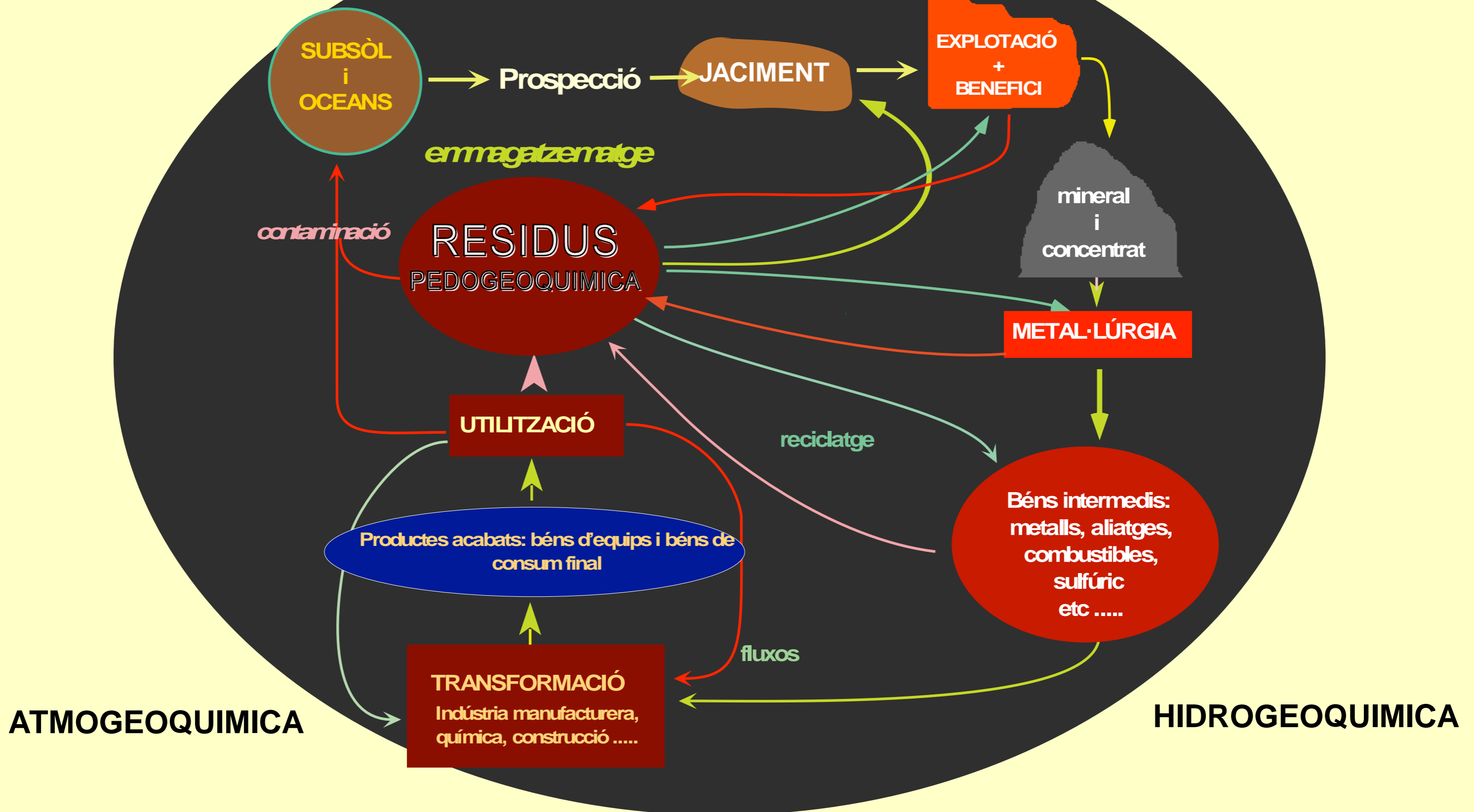
UN INCREMENT (Δ) SOSTINGUT EN LA DEMANDA DE FERRO DONARÀ COM A RESULTAT



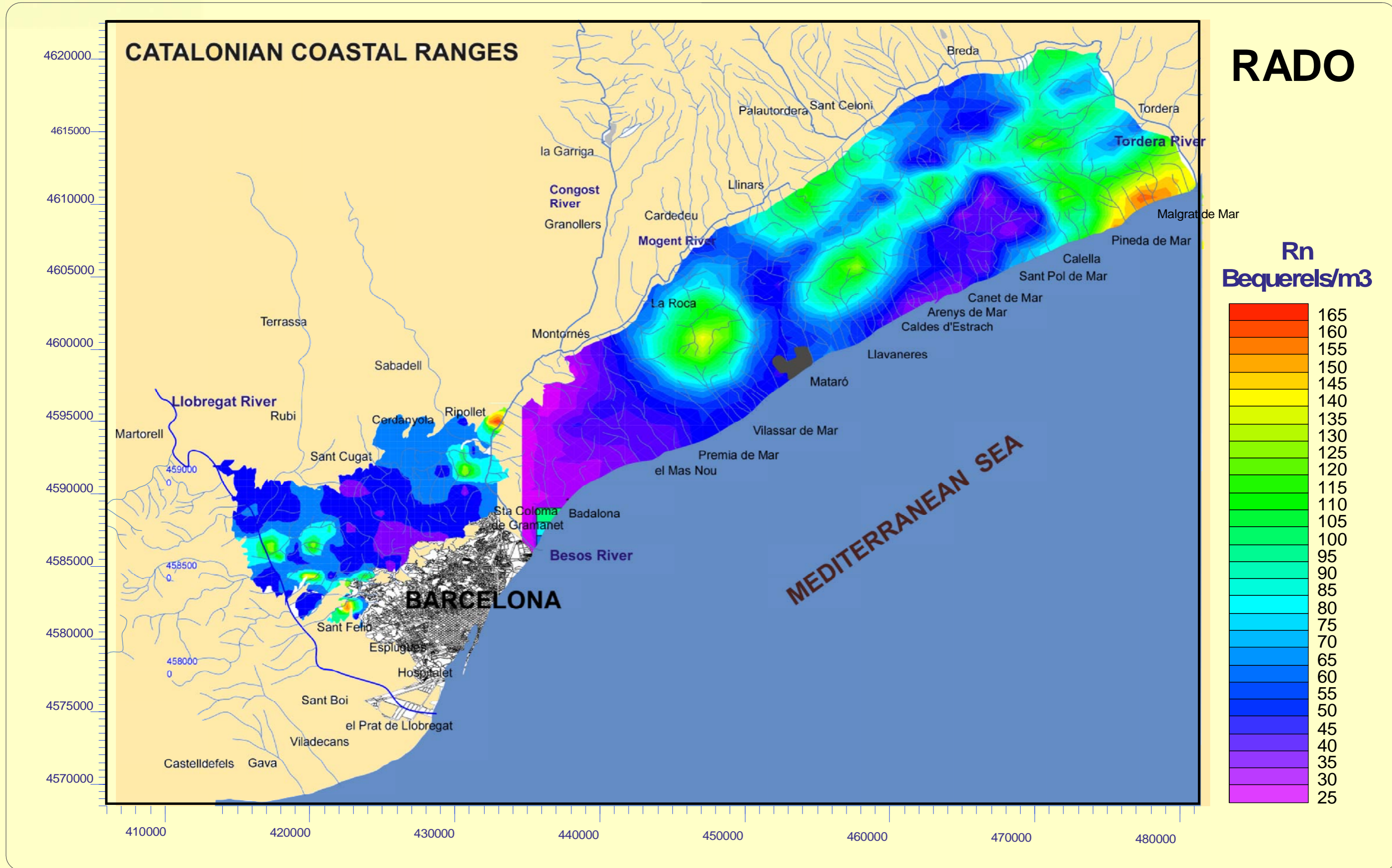
TERRITORI - ENERGIA - MINERALS - AIGUA - HOME - AIRE

LITOGEOQUIMICA

BIOGEOQUIMICA



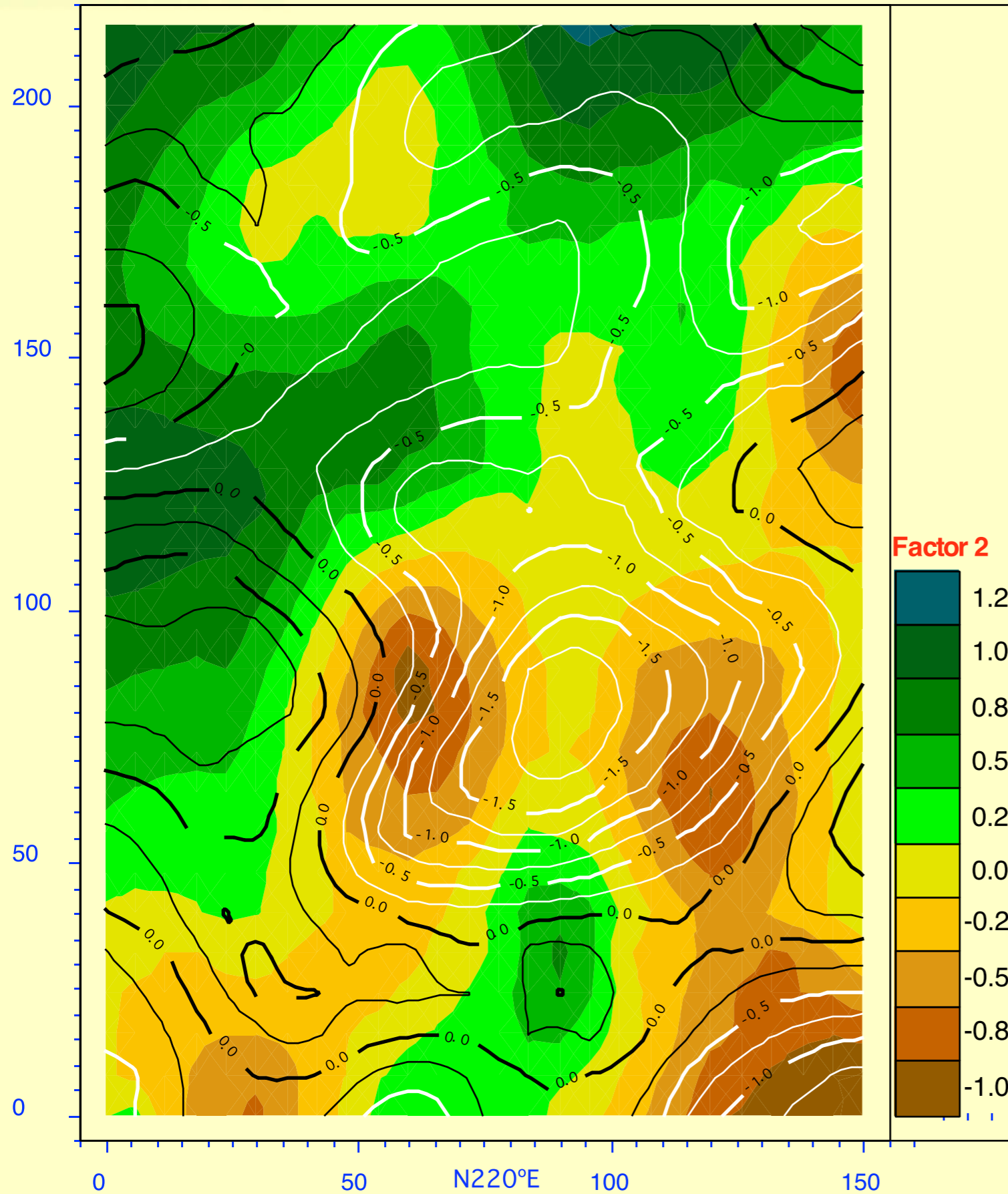
TERRITORI - HOME - AIGUA - AIRE



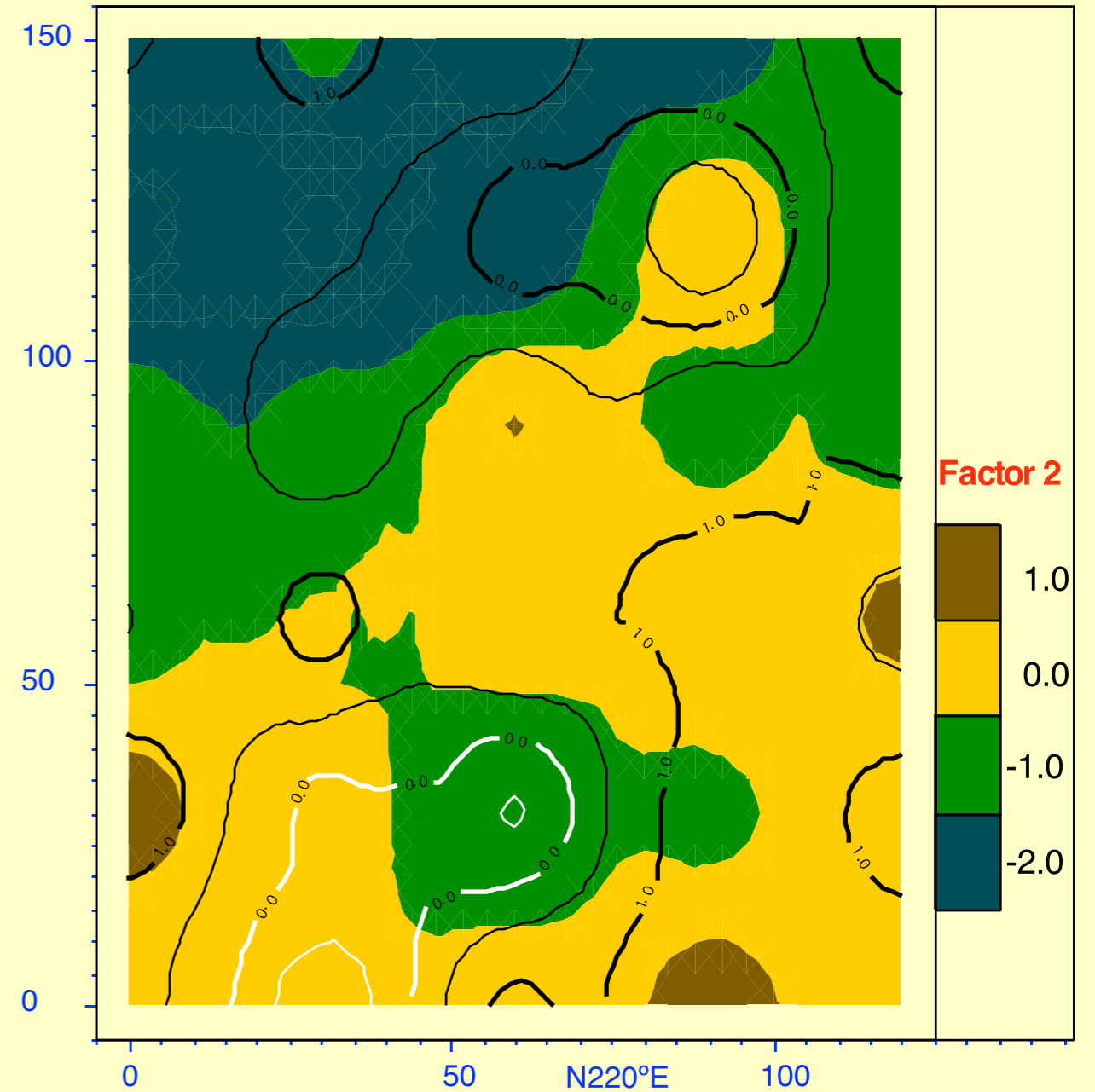
MINERALS - TERRITORI - HOME

GOLD-ANTIMONY BIOGEOCHEMISTRY IN Antofagasta Mine (Oruro, Bolivia)

Northern part



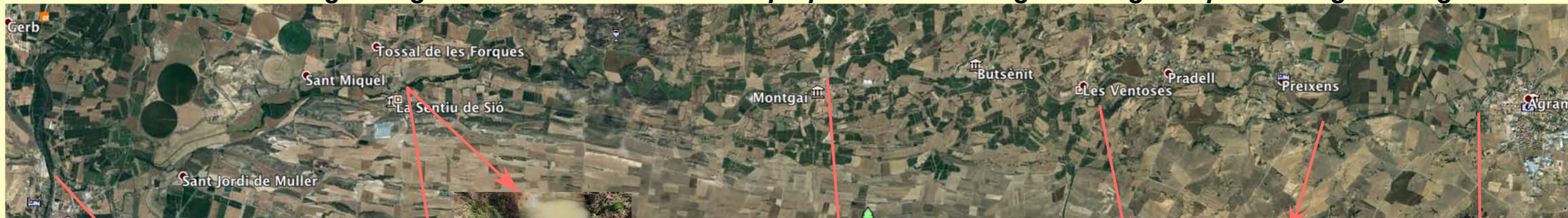
Southern part



CPA Factor 2 : + (Hf and R.E.E)
- (Cs, Rb and Sb)

TERRITORI - AIGUA- HOME

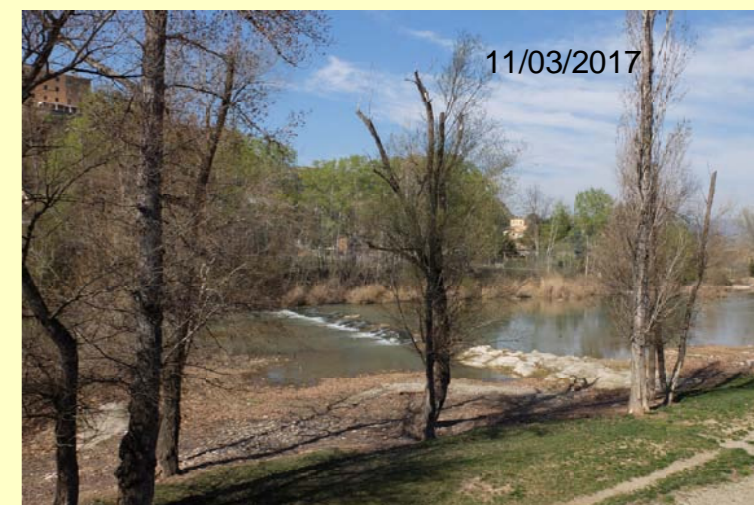
LA CONTAMINACIÓ DEL RIU SIÓ DES DE AGRAMUNT A BALAGUER:
terbolesa i gran augment dels cabals i els efectes que produeix al Riu Segre a Balaguer a partir del aiguabarreig



Aiguabarreig Segre-Sió a Balaguer



Debant Balaguer amb el Segre contaminat



GRÀCIES

