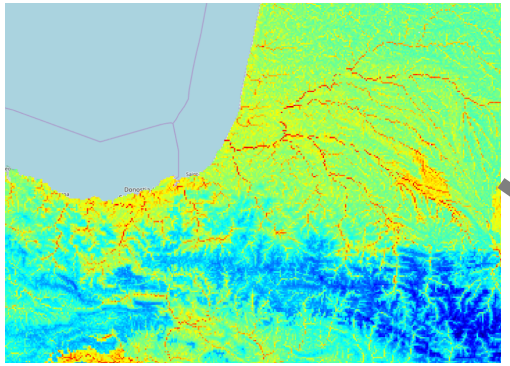
A few wrap-up slides

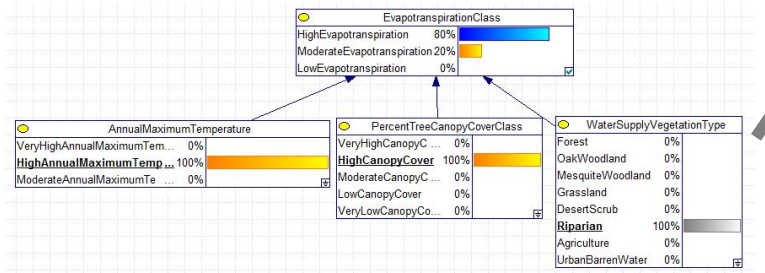
bc3
BASQUE CENTRE
FOR CLIMATE CHANGE
Klima Aldaketa Ikergai

ARIES modelling environment

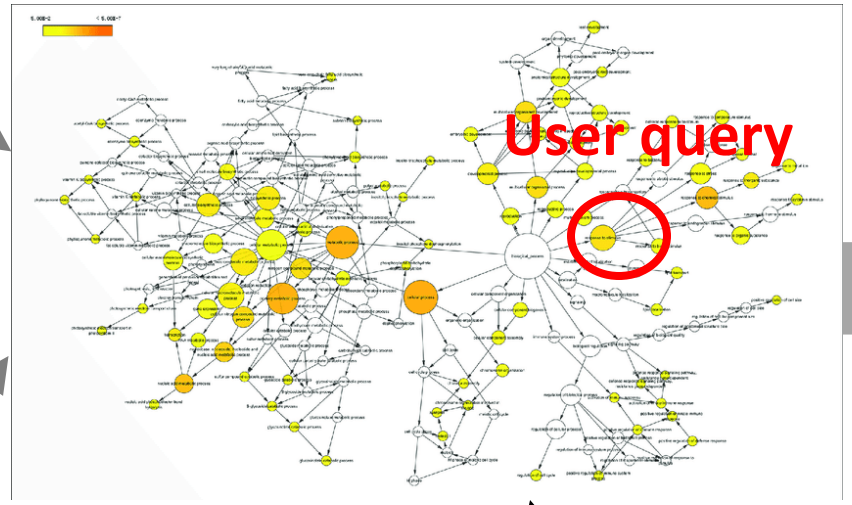
Semantically annotated data



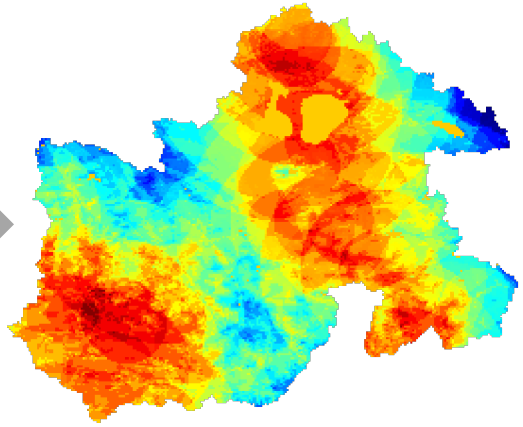
Semantically annotated models



System of ontologies



Resulting ES (provision) map

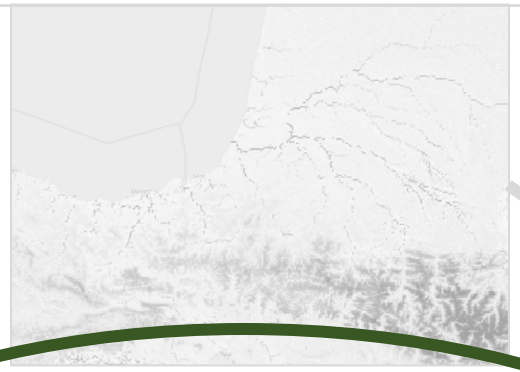


User-provided context

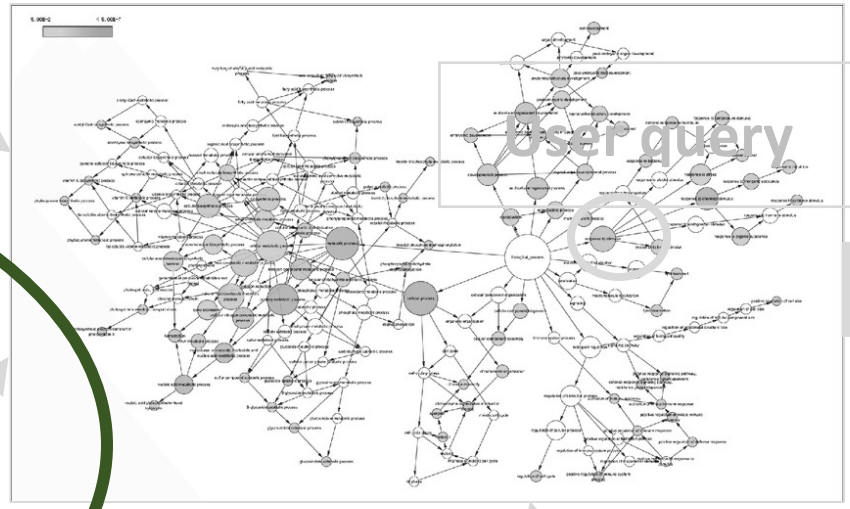
∑ Data and models ”labelled” based on their **meaning**

ARIES modelling environment

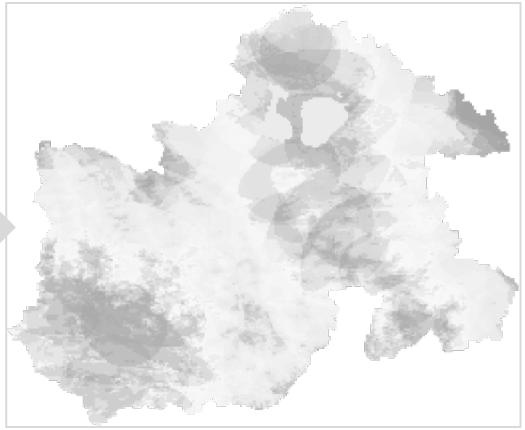
Semantically annotated data



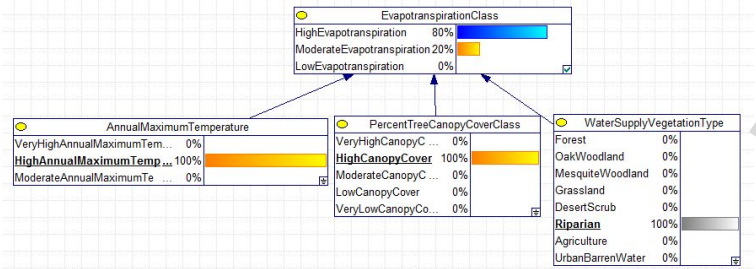
System of ontologies



Resulting ES (provision) map



Semantically annotated models



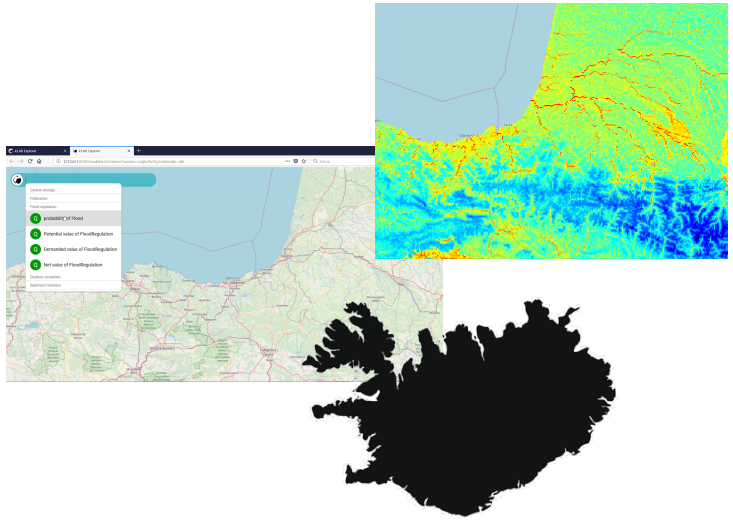
∑ Data and models "labelled" based on their **meaning**

Global models, complex models, ...

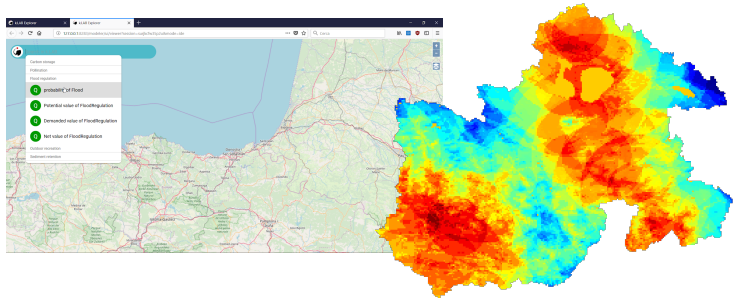
User-provided context

```
@documented(recreation.values.potential)
model im:Potential value of behavior:Outdoor behavior:Recreation
    observing
        magnitude of proportion of behavior:Outdoor in behavior:Recreation named human_influence,
        distance to conservation:ProtectedArea in m named distance_to_pristine_areas,
        distance to earth:Coastline in m     named distance_to_coast,
        distance to earth:Waterway in m      named distance_to_streams,
        distance to earth:WaterBody in m     named distance_to_lakes,
        distance to earth:MountainPeak in m named distance_to_mountains
    set to [
        human_influence *
              ((nodata(distance_to_pristine_areas) ? 0 : distance_to_pristine_areas)
              + (nodata(distance_to_lakes) ? 0 : distance_to_lakes)
              + (nodata(distance_to_streams) ? 0 : distance_to_streams)
              + (nodata(distance_to_mountains) ? 0 : distance_to_mountains)
              + (nodata(distance_to_coast) ? 0 : distance_to_coast))
    ] then [ self.invert() ];
```

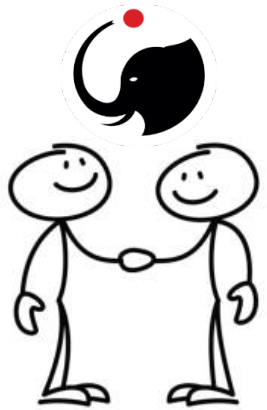
Modeller interested in semantics: k.LAB Modeller



ES researcher/practitioner interested in parametrizing their models: k.EXPLORER with local data and contexts



Quick ES assessment: k.EXPLORER



Thank You!

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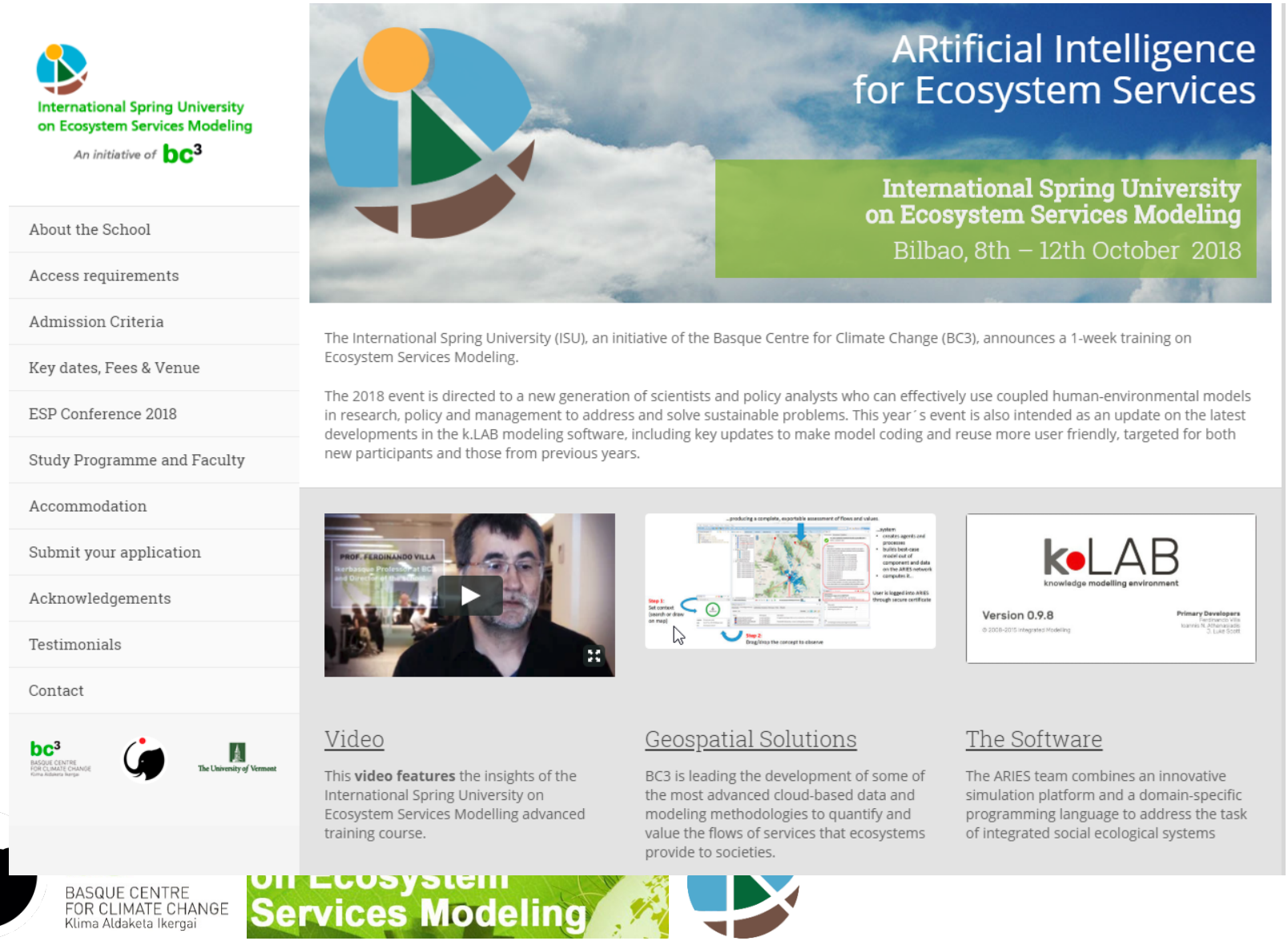

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Services Modeling