



UNIL | Université de Lausanne

Institut de géographie
et durabilité

Laboratoire

EDYTEM

Environnements, Dynamiques et Territoires de la Montagne

The value of geoheritage and implications for the assessment



EGU General Assembly 2014

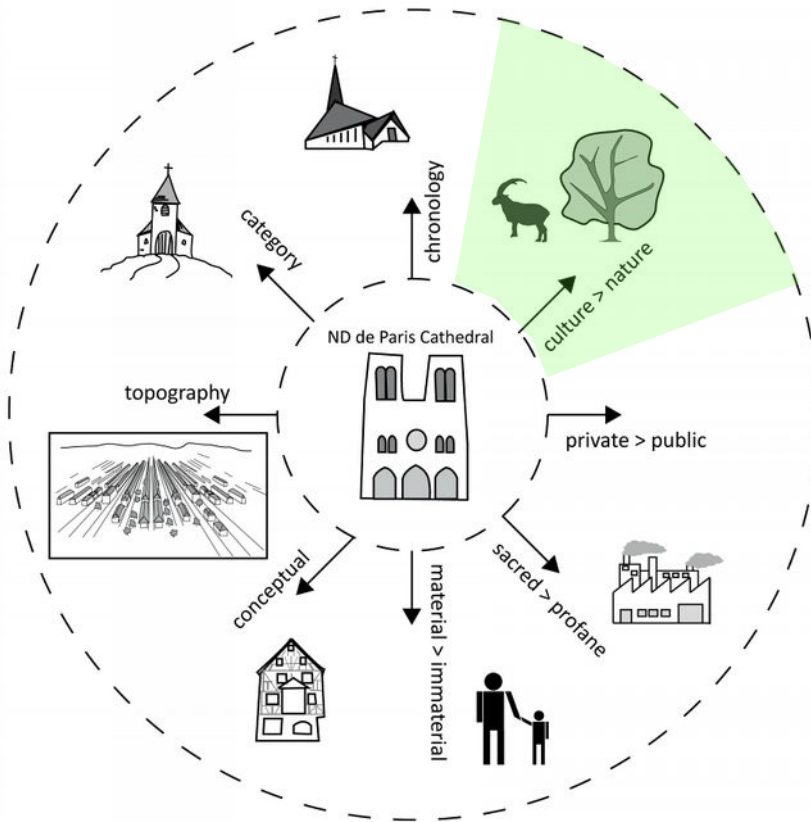
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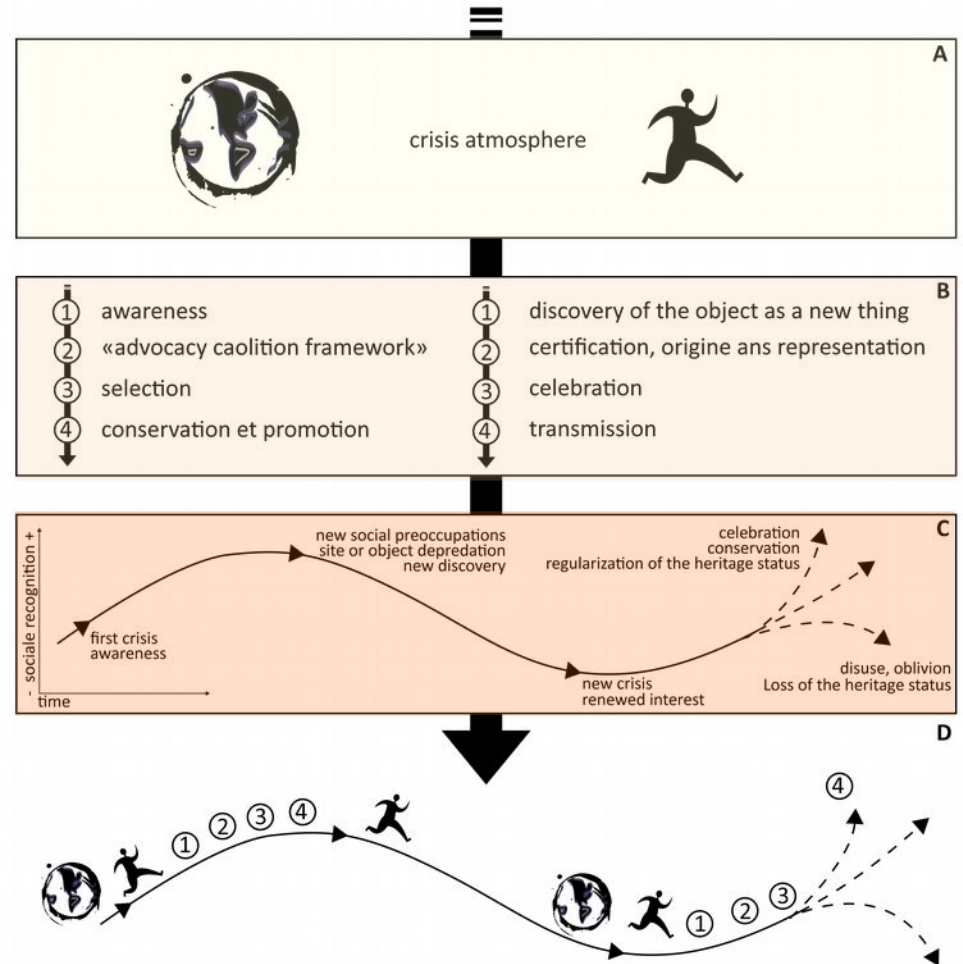
Introduction: Geo - heritage?

Heritage: a concept in evolution



Perret 2014

The heritage process / “patrimonialisation”

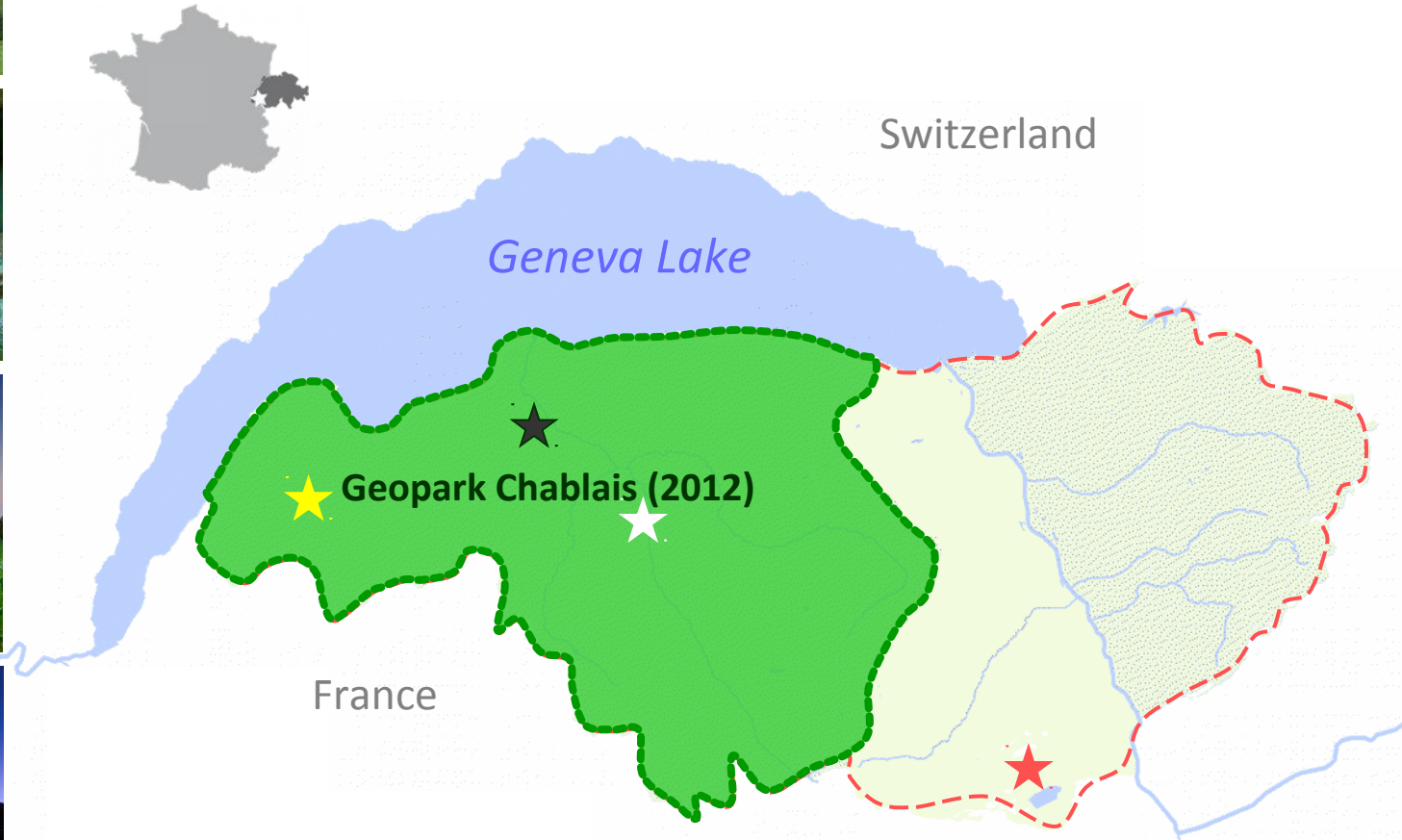


Perret 2014 after Davallon 2002 and Di Méo 2008

The case study of the Chablais area



- The heritage process is supported by a Geopark
- The social group mainly involved is the scientific community



The case study of the Chablais area

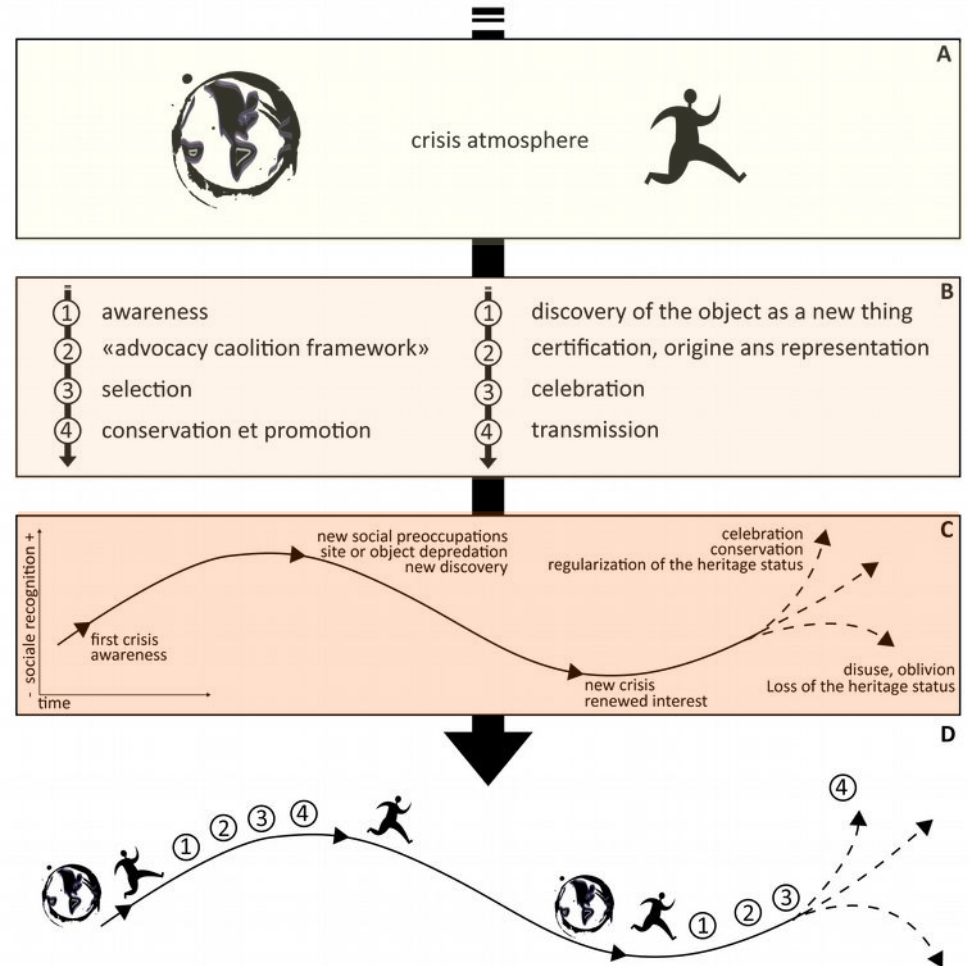
Environmental and social crisis

Objective Knowledge

Geosites Inventory

Glacial heritage promotion

Toward an institutional recognition?



Perret 2014 after Davallon 2002 and Di Méo 2008

Values of geoheritage : different points of view

Geoconservation (Tasmanie): significant site and process

ex. Sharples 2002

intrinsic value

exemplarity et representativity

ecological value

natural environment (with human)

geoheritage value

science
education
culture
symbolisme

Geoheritage (Europe): geomorphosite

ex. Reynard et al. 2012

intrinsic value

science

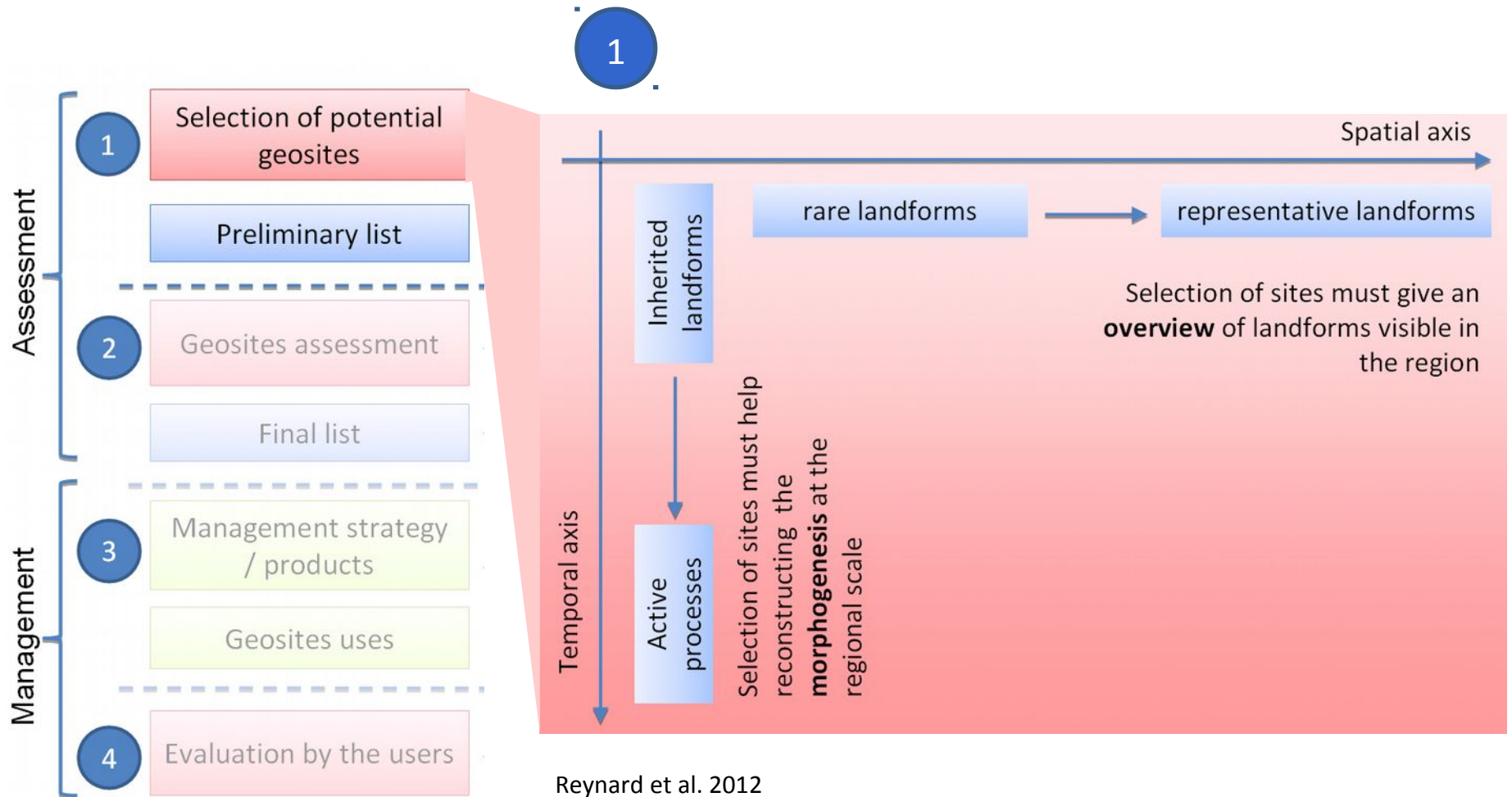
aesthetics
ecology
culture

use value (managment)

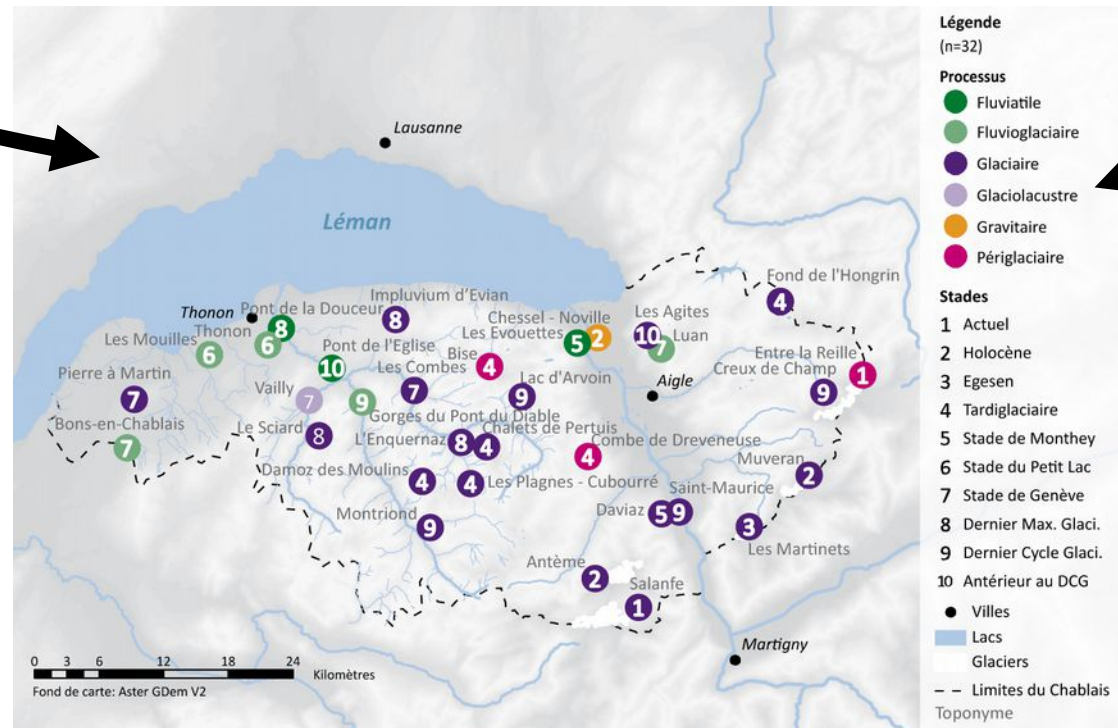
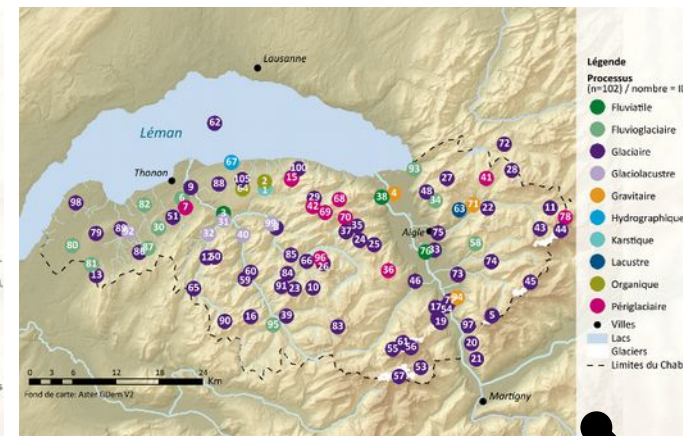
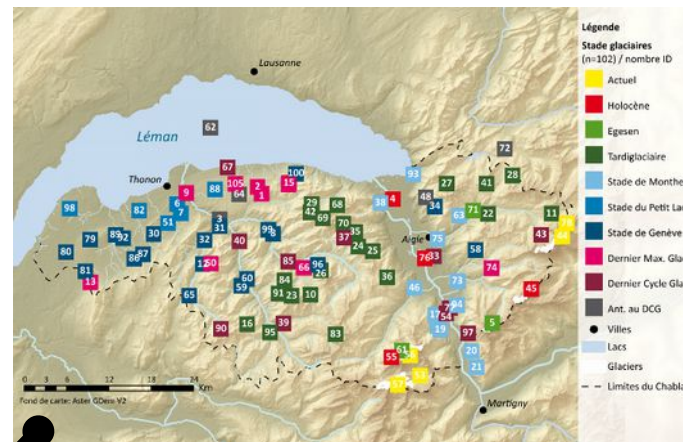
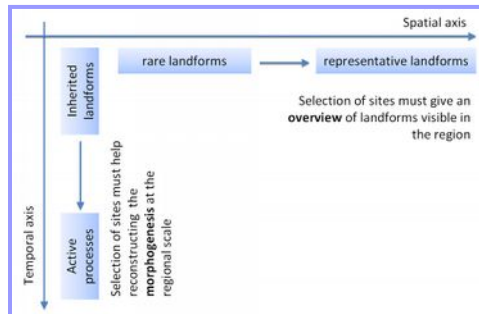
education
visit conditions
protection need

Values of geoheritage in geosites inventories - Selection

Selection process: scientific value (?) didactic interest (?) ecological value (?)



Values of geoheritage in geosites inventories - Selection



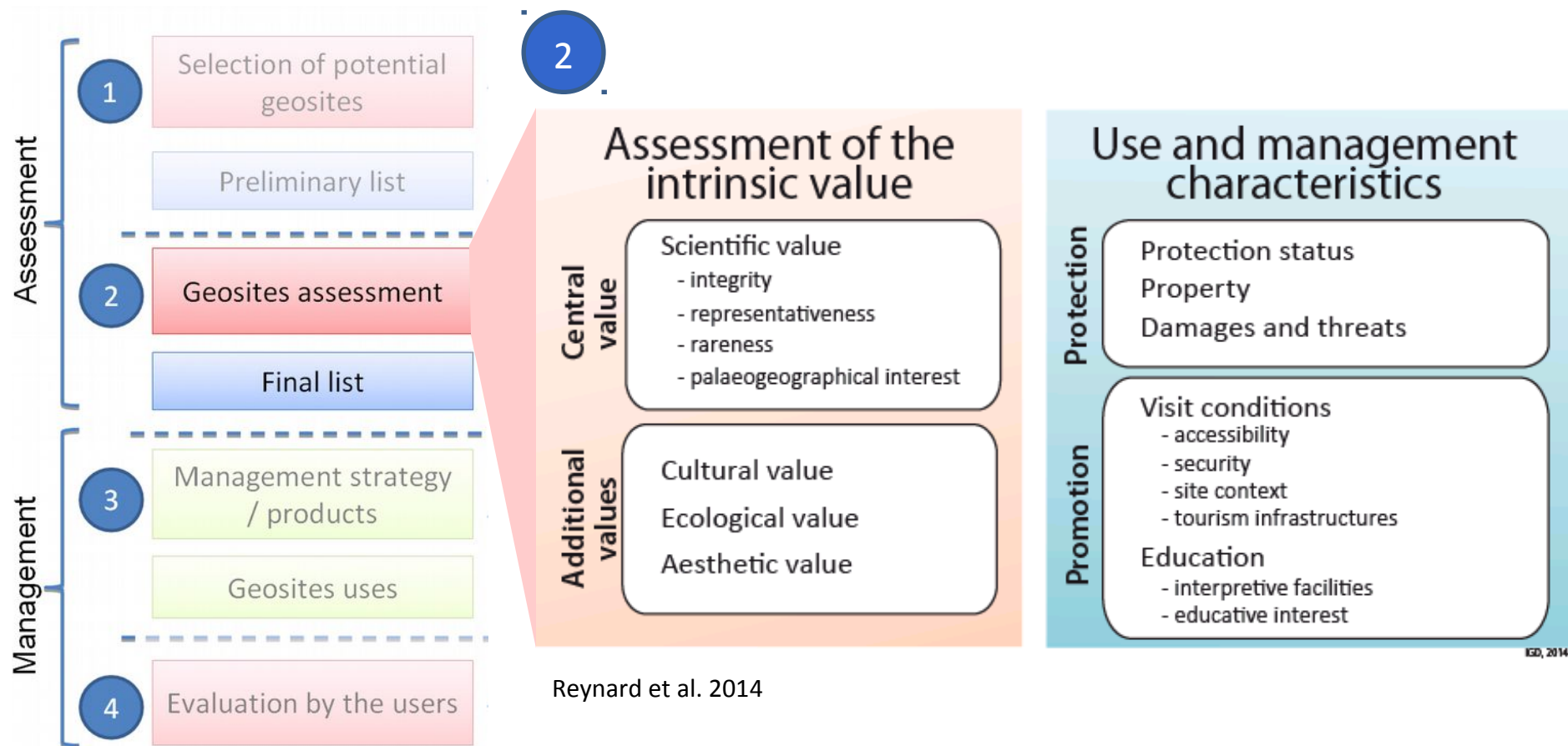
Thematic inventory
(glacial witnesses)

Scientific value
(representativeness)

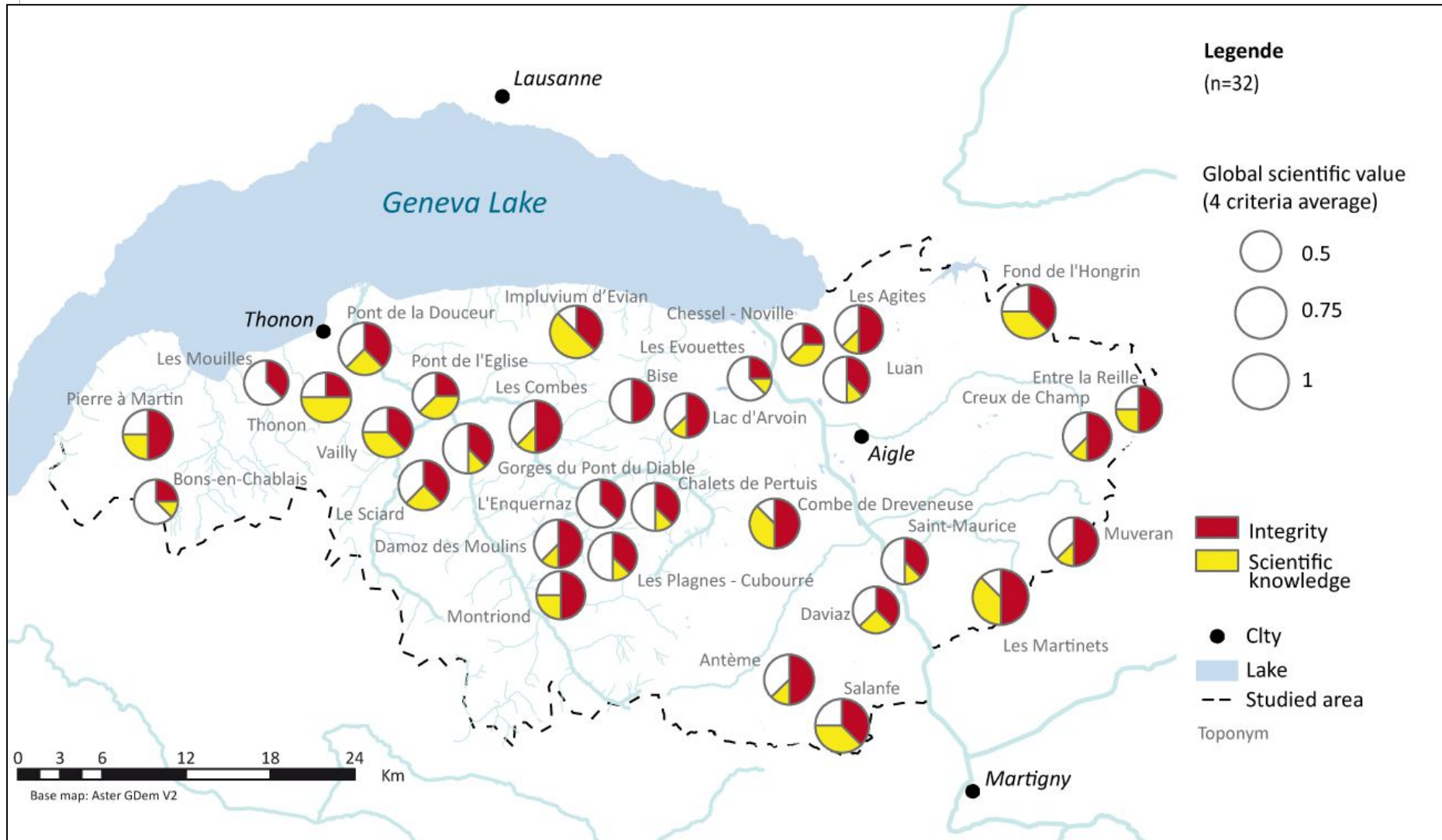
Geopark use
(promotion)

Values of geoheritage in geosites inventories - Assessment

Assessment process: intrinsic value (?), Use and management characteristics (?)



Values of geoheritage in geosites inventories - Assessment



Values of geoheritage : different points of view

Geoconservation (Tasmania): significant site and process

ex. Sharples 2002

intrinsic value

exemplary nature
representativeness

ecological value

natural environment (with human)

geoheritage value

science
education
culture
symbolisme

Geoheritage (Europe): geomorphosite

ex. Reynard et al. 2012

intrinsic value

science

aesthetics
ecology
culture

use value (managment)

education
visit conditions
protection need

- integrity
- representativeness
- rareness
- paleogeographical interest

Values of geoheritage : depending on the context



Academic research

- thought on geomorphology
- history - paleogeography - epistemology



Impact assessment

- thought on nature
- biology - pedology - natural hazard



Tourism

- thought on interpretation, representation, identity
- anthropology - sociology - ethnology - philosophy

- Conclusion 1

According to all reservations in the choice of values to assess geoheritage, we consider that:

The assessment is not a goal. In many cases it's only a ranking.

This step of the inventory process has to be simple.

- Conclusion 2

We have seen that researchers are deeply involved in heritage processes. They have a double role of stakeholders and Scientifics. They should be indifferent by in fact **the method used depends on the system of value that researchers carry.**

Thank you for your attention

References:

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