联合国教科文组织

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世界地质公园

UNESCO Global Geoparks
explaining climate change

Dr Margarete Patzak

Earth Science and Geo-hazards risk reduction Section
UNESCO

Basque Coast Geopark, Spain

United Nations
Educational, Scientific and
Cultural Organization

UNESCO Mission Statement:

***UNESCO* - Specialized agency of the United Nations, contributes to the building of peace, the eradication of poverty, and sustainable development and intercultural dialogue through:**

***E*ducation, the *S*ciences, *C*ulture, communication and information.**

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« Building peace in the minds of men and women »

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« Building peace in the hearts of men and women »

…once upon a time…17. November 2015

195 Member States

120 Global Geoparks of the GGN obtain the label

"UNESCO Global Geopark"

UNESCO General Conference, November 2015

UNESCO Global Geoparks are…

Geoparks are about people

Sustainable development

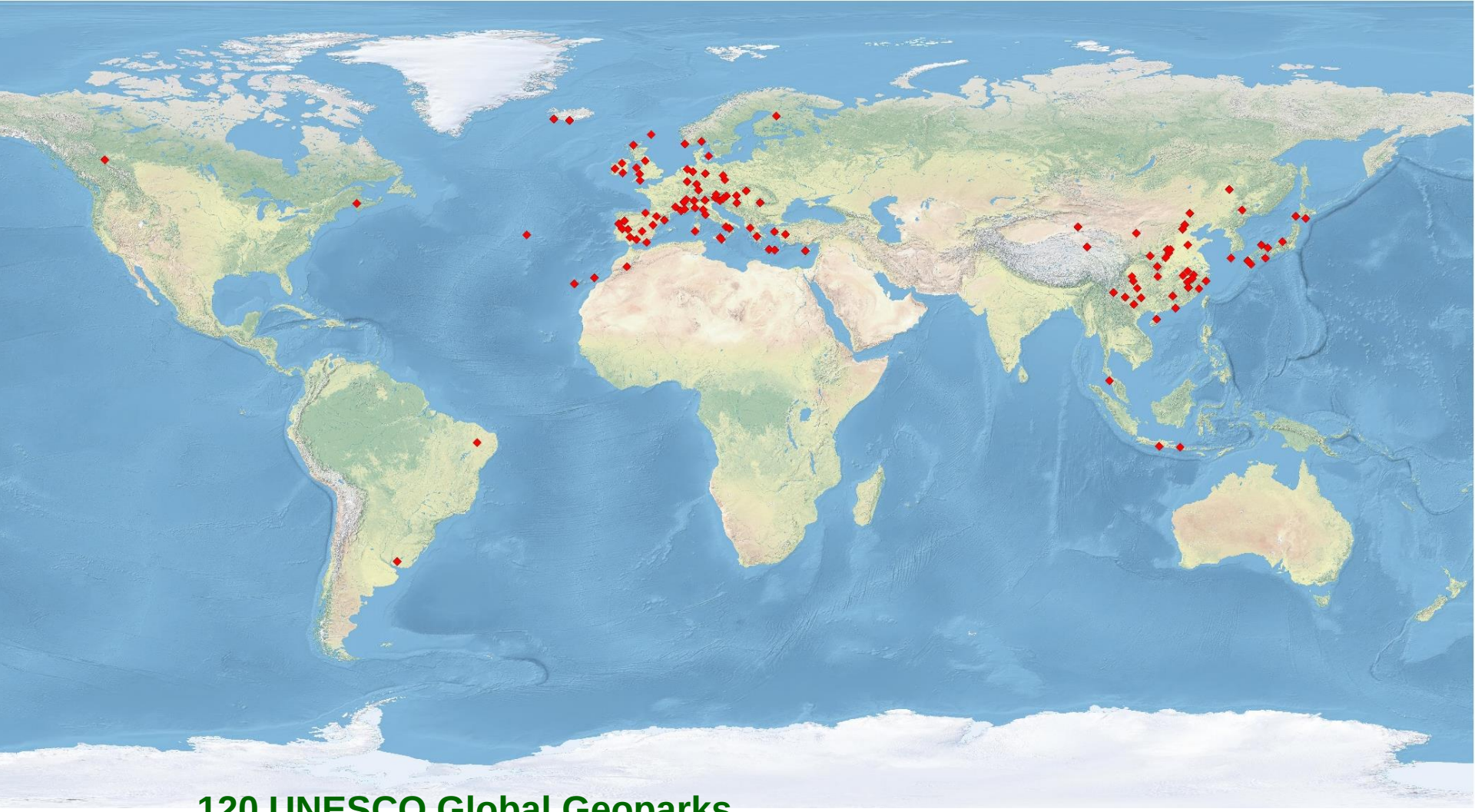
Community Participation

Women

Conserving & Protecting Geodiversity

Education

Communicating Geoscience



120 UNESCO Global Geoparks

69 European UNESCO Global Geoparks
46 Asian UNESCO Global Geoparks
2 North-American UNESCO Global Geoparks
2 South-American UNESCO Global Geoparks
1 African UNESCO Global Geopark

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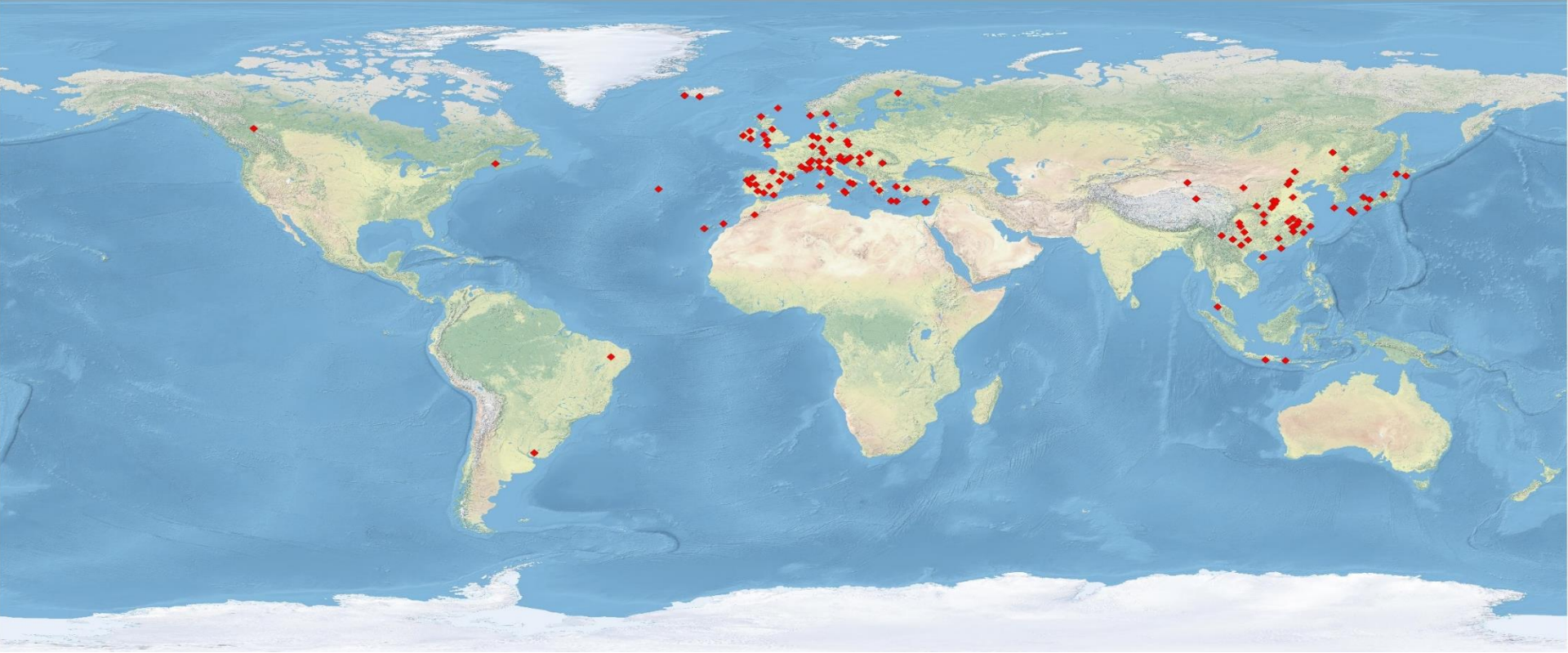

19 Candidates: China (2) , Czech Republic, Ecuador, France, Iceland, Indonesia, Iran, Ireland (UK & N Irl) , Mexico (2) , Norway, Rep. of Korea, Spain (2) , United Kingdom (2); 2 Area extensions.

No new UNESCO Global Geoparks until Spring 2017!

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Four essentials:

- Geological heritage of international value
- Management
- Visibility
- Networking

Geology of international value

Organisation
des Nations Unies
pour l'education,
la science et la culture

Géoparcs
mondiaux
UNESCO

English Riviera

GLOBAL GEOPARK

Visibility

www.website

Strategy & Management

This is not an empty space

….plan?

Stakeholders in Langkawi Global Geopark:

IMPLEMENTING AGENCIES
LADA, District Office, Mineral & Geoscience Department, Enforcement Authorities – the Maritime Enforcement Agency (people with power and authority)

TOURIST GUIDES AND OPERATORS (100)

LOCAL COMMUNITY
Local villagers, women's associations, The Youth Club
(Custodian)

HOTELS & RESPORTS OPERATORS/ Homestays (more than 300)

SCHOOL-STUDENTS AND TEACHERS (21 primary & secondary, 1 Community college)

Organisation des Nations Unies pour l'éducation, la science et la culture

Massif des Bauges Géoparc mondial UNESCO

Parc naturel régional du Massif des Bauges

ORGANIGRAMME

Equipe du PNR du Massif des Bauges Mars 2014

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Networking

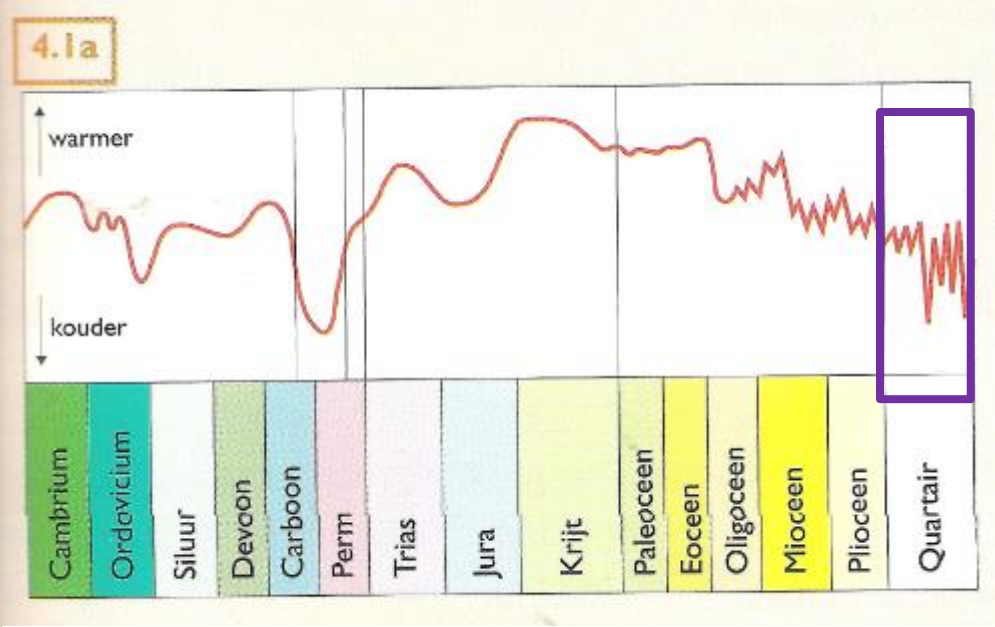
GLOBAL GEOPARKS NETWORK

participation & strategic partnerships

Top 10 :

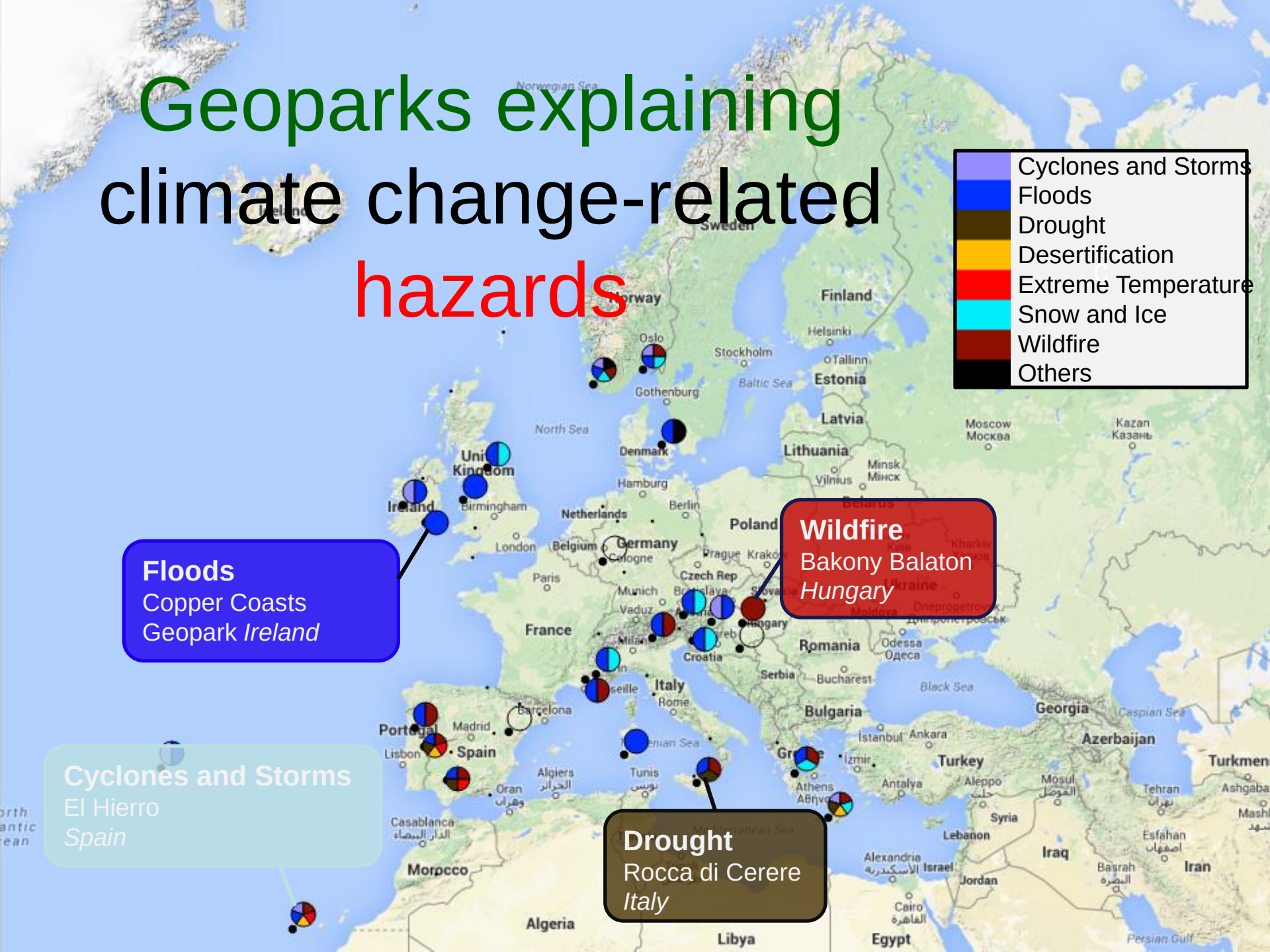
- Natural Resources
- Geological Hazards
- Climate change
- Education
- Science
- Culture
- Women
- Sustainable Development
- Local and indigenous knowledge
- Geoconservation

Geoparks explaining climate change



Average temperature variations since the Cambrian

Geoparks explaining climate change-related hazards



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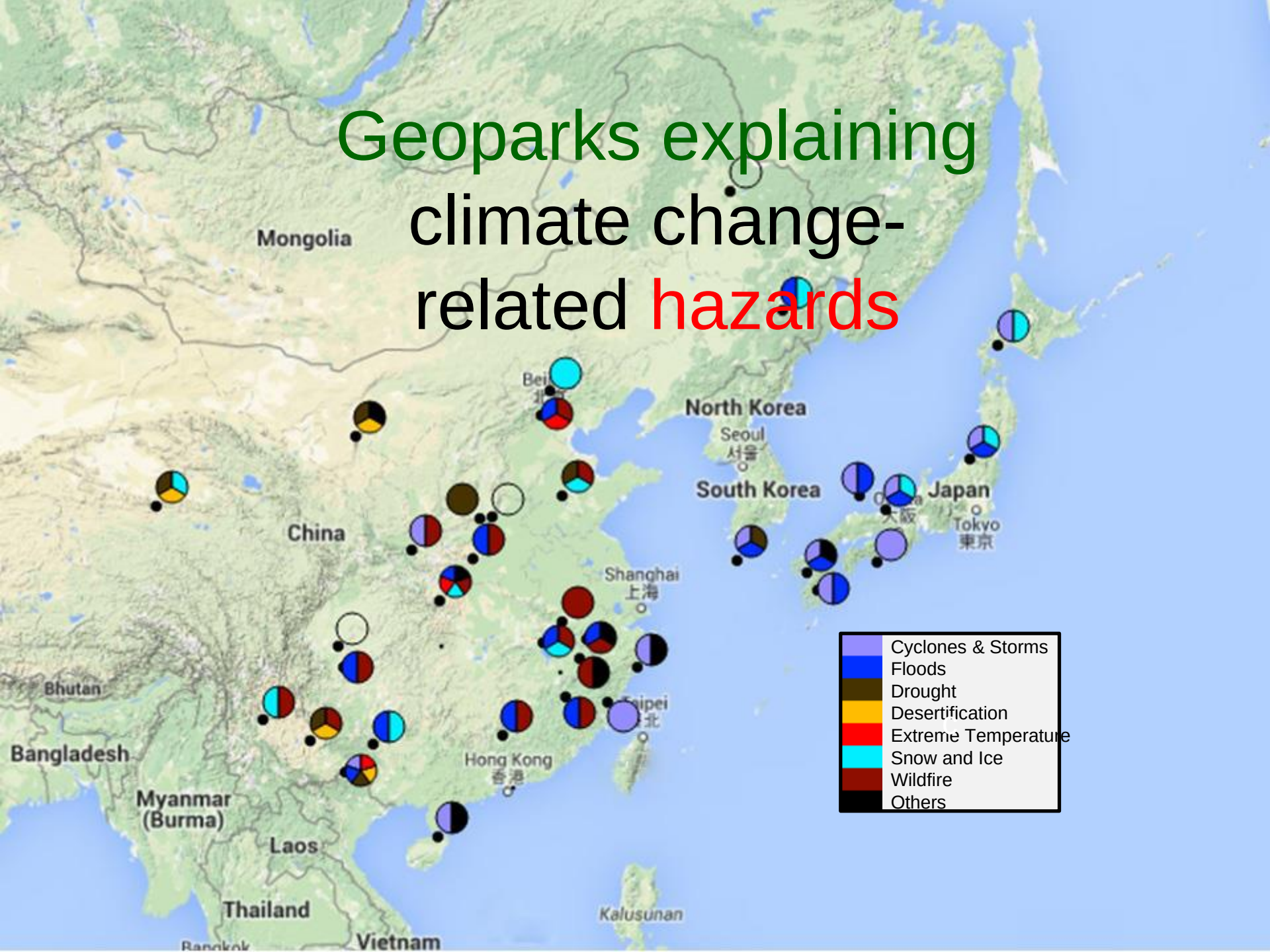
Apuan Alps
UNESCO
Global Geopark

·PARCO·
APUANE

19 June 1996…

25-26 September 1885…

Geoparks explaining climate change-related hazards



- Climate change and carbon

- North Pennines Geopark takes climate honours

- CELL - Changing Environments Landscape Laboratory school project

- Layers in the landscape

- Corporate support

- Peatland Programme

- Research

- Staff Unit Environmental Policy

NORTH PENNINES
Area of Outstanding Natural Beauty

Search Results "climate change"

United Nations Educational, Scientific and Cultural Organization

North Pennines UNESCO Global Geopark

www.northpennines.org.uk

谢谢
Merci, Thank you, Xiexie