

Impacts of global warming: A changing environment for locals

Mind Factory

EUROPARC Conference Austria 2022

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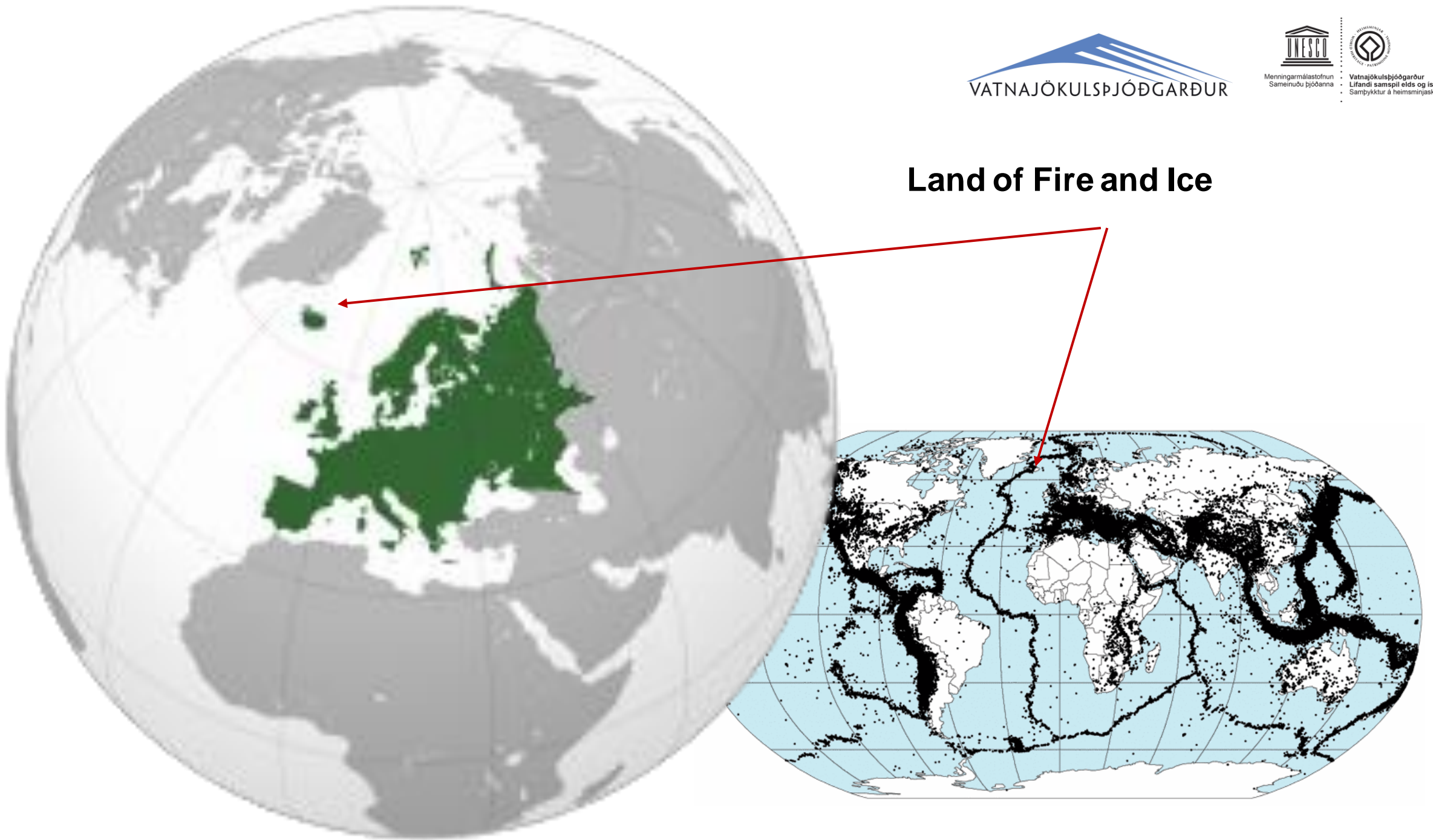


Menningarmálastofnun
Sameinuðu þjóðanna



Vatnajökulsþjóðgarður
Lifandi samspil elds og íss
Samþykktur á heimsminjaskrá 2019

Land of Fire and Ice



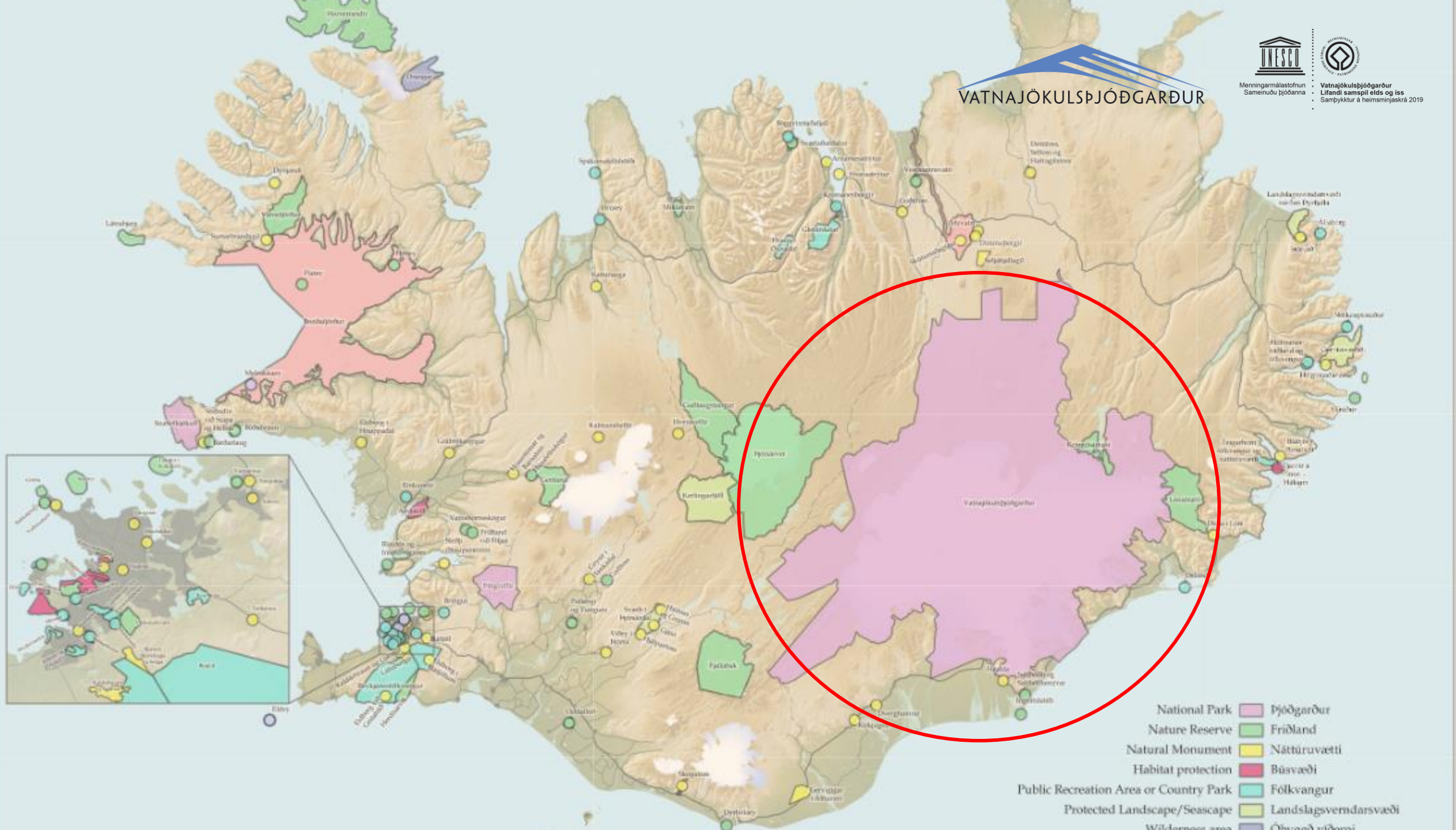


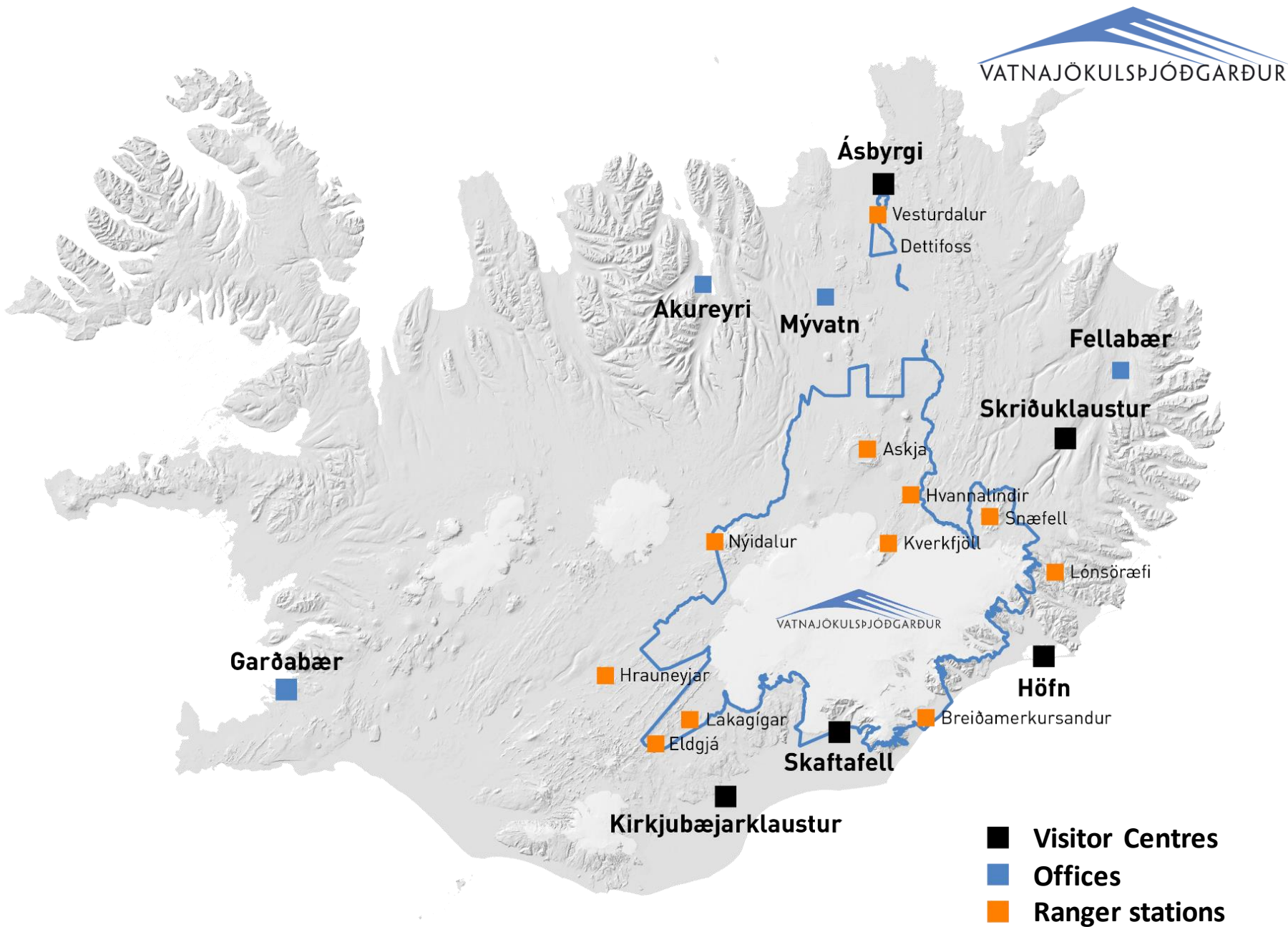
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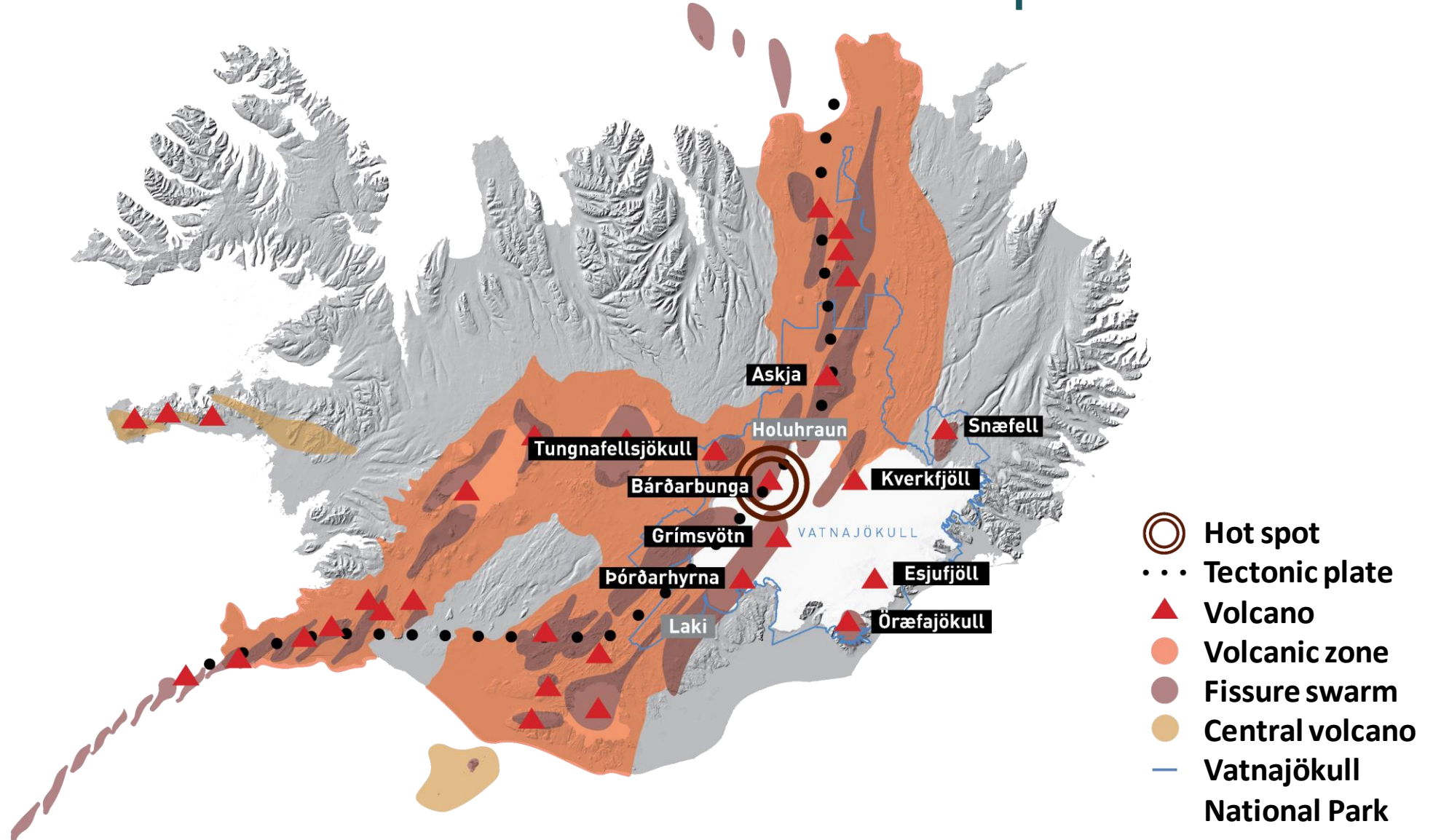
Vatnajökulsþjóðgarður
• Lífandi samspil elds og íss
• Samþykktur á heimsminjaskrá 2019

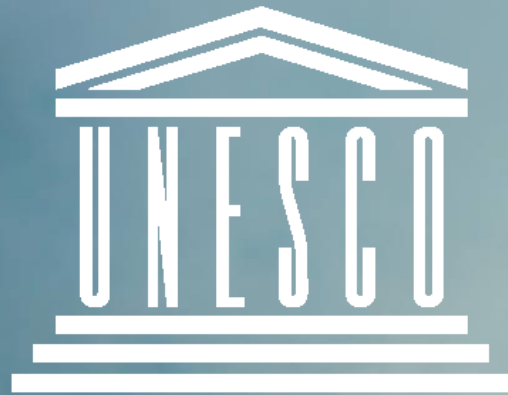
VATNAJÖKULSPJÓÐGARÐUR





Vatnajökull National Park – What's unique





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- **Vatnajökulspjóðgarður**
- **Lifandi samspil elds og íss**
- **Samþykktur á heimsminjaskrá 2019**
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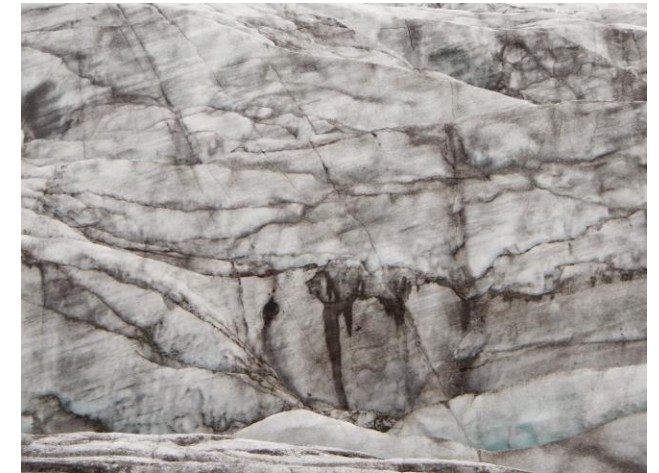
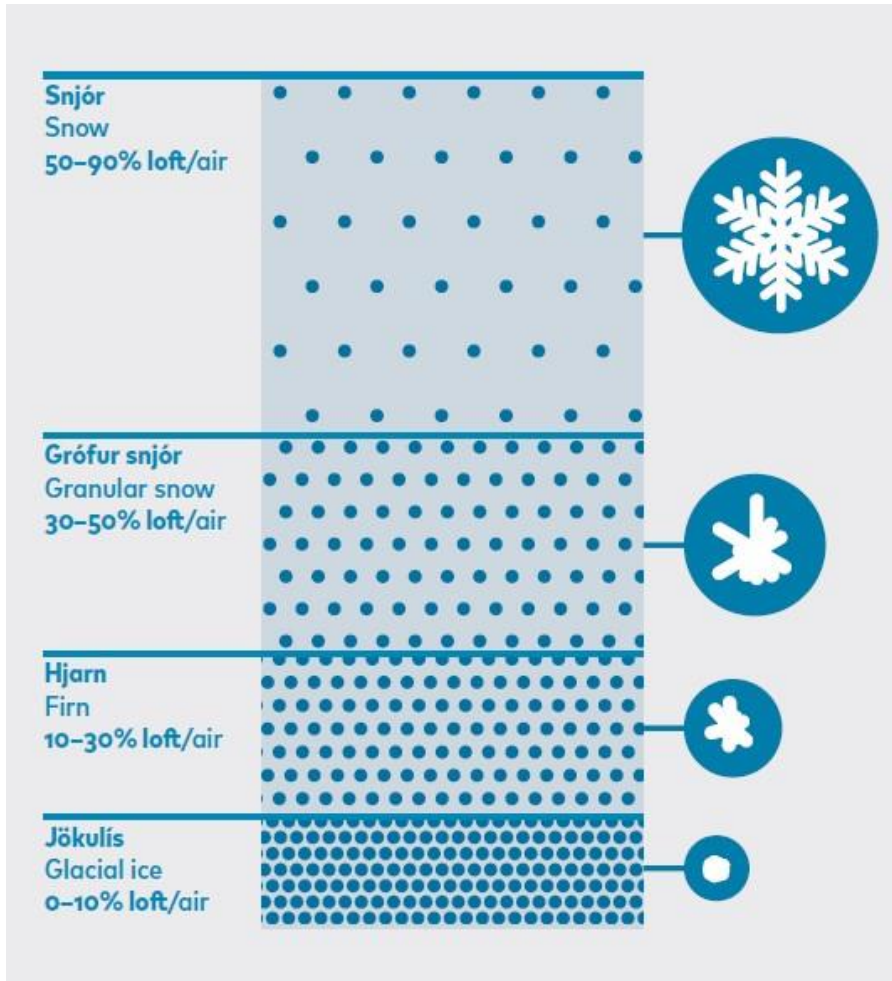
What makes a glacier? Where do they go?



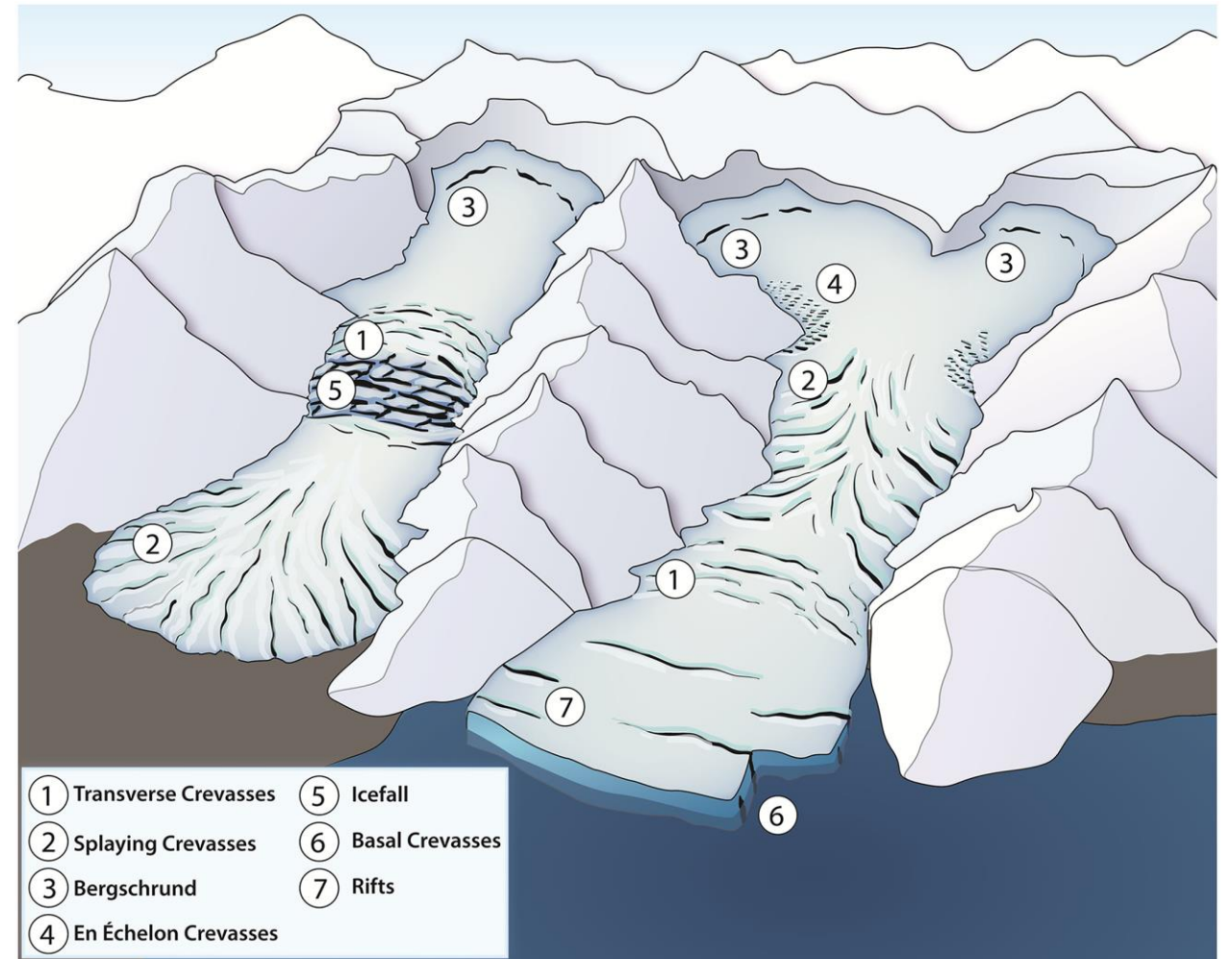
How glaciers are born



Glacier Ice – Blue Ice

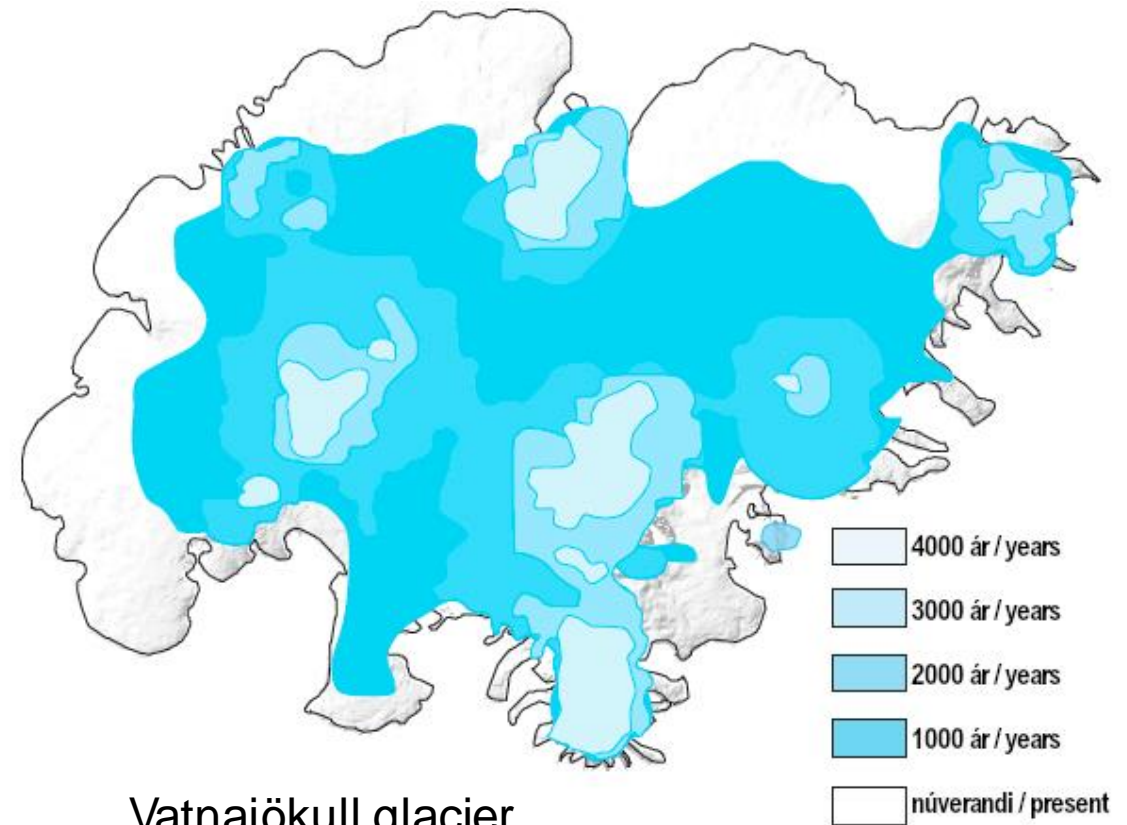
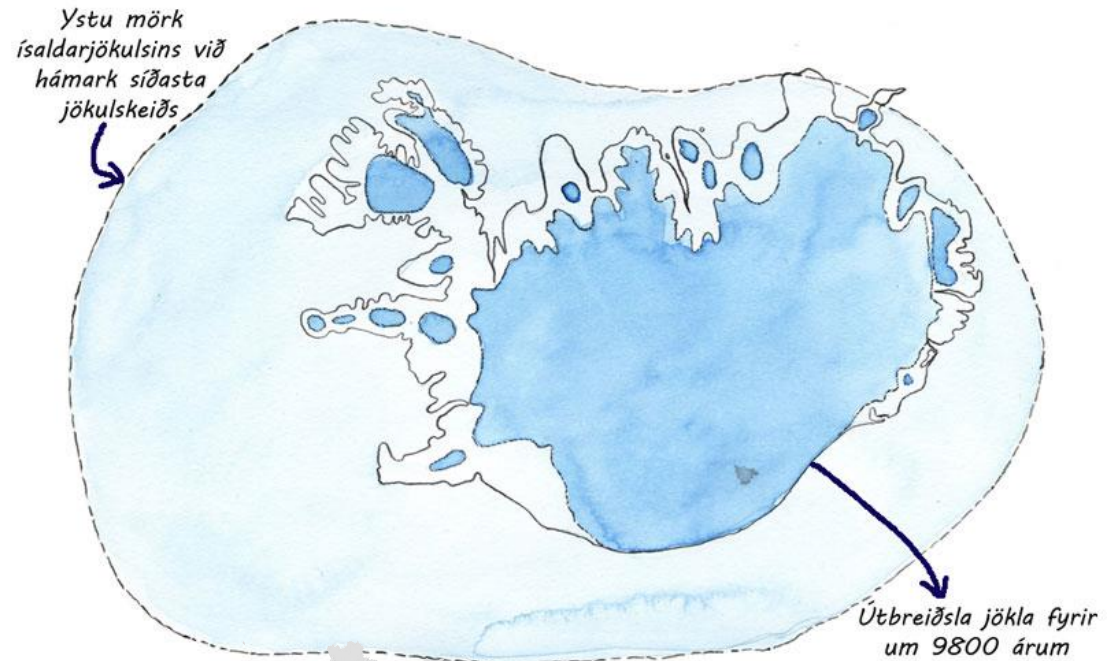


Crevasses – Outlet glaciers

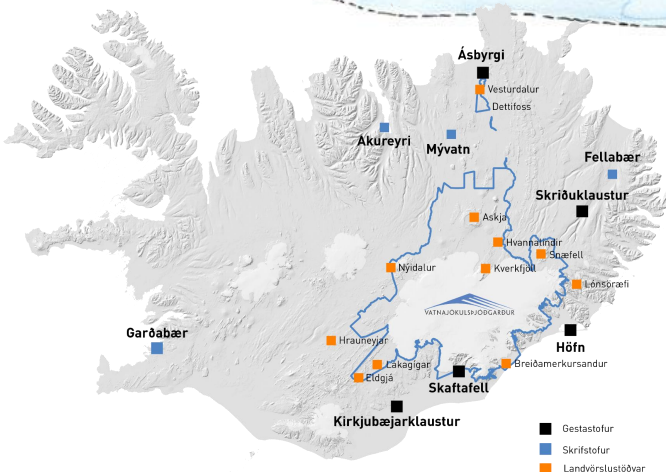




Glaciers come and glaciers go....but...



Vatnajökull glacier.
4000 years ago until today








VATNAJÖKULSPJÓÐGARÐUR


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Svínafellsheiði in Öræfi Iceland

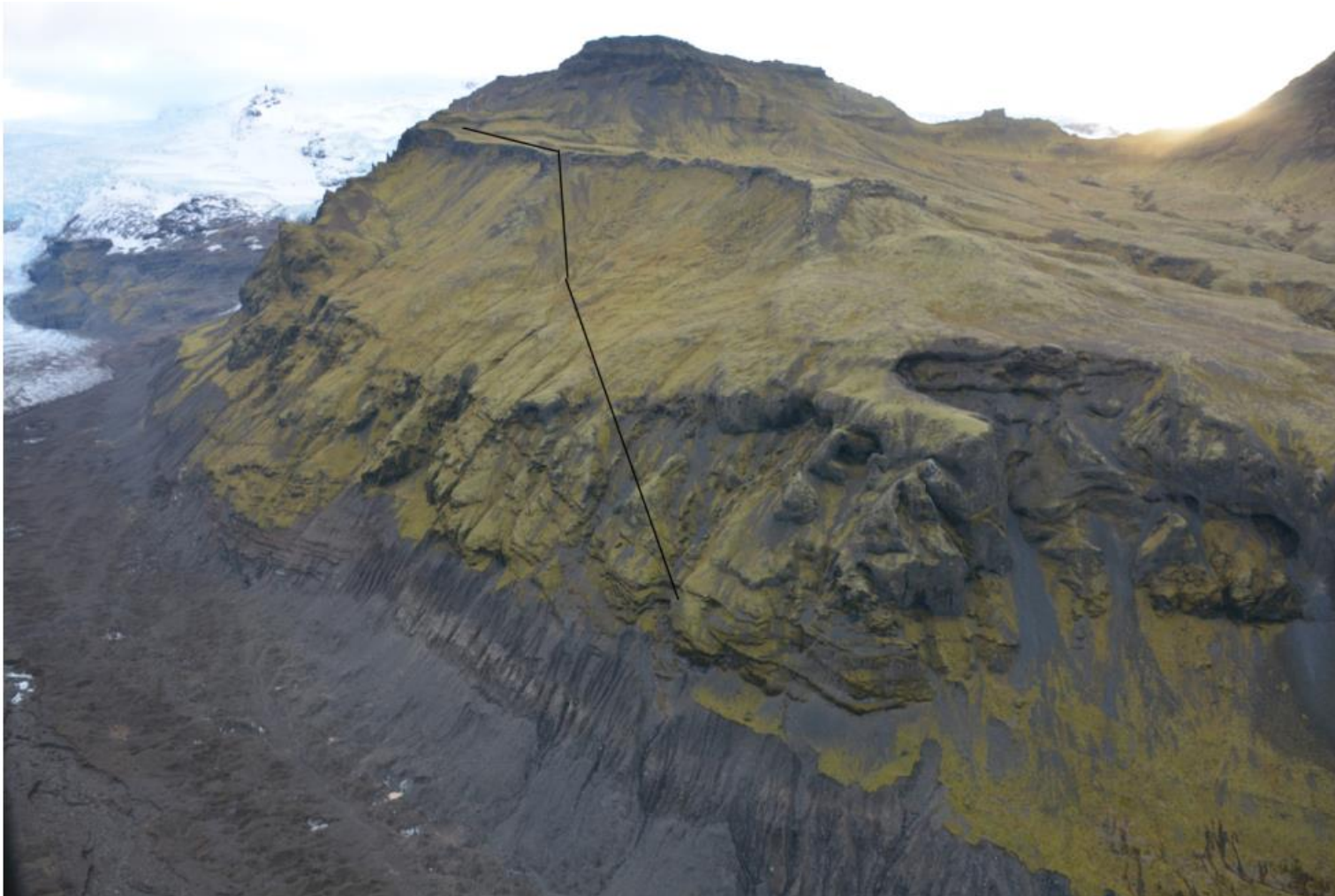
Case study:
Landslide threat due
to retreating glaciers



This topographic map of the Reykjavík area in Iceland shows the city and surrounding mountains. A red circle highlights the area around Óraefajökull, and a green star marks the location of the Reykjavík City Hall (Höfuðborgarsalir). The map includes labels for various locations such as Vatnajökull, Grímsvötn, and the surrounding mountains and glaciers.



Mountain fissure in Svínafellsheiði



Affected area



Affected area



Glacier walks

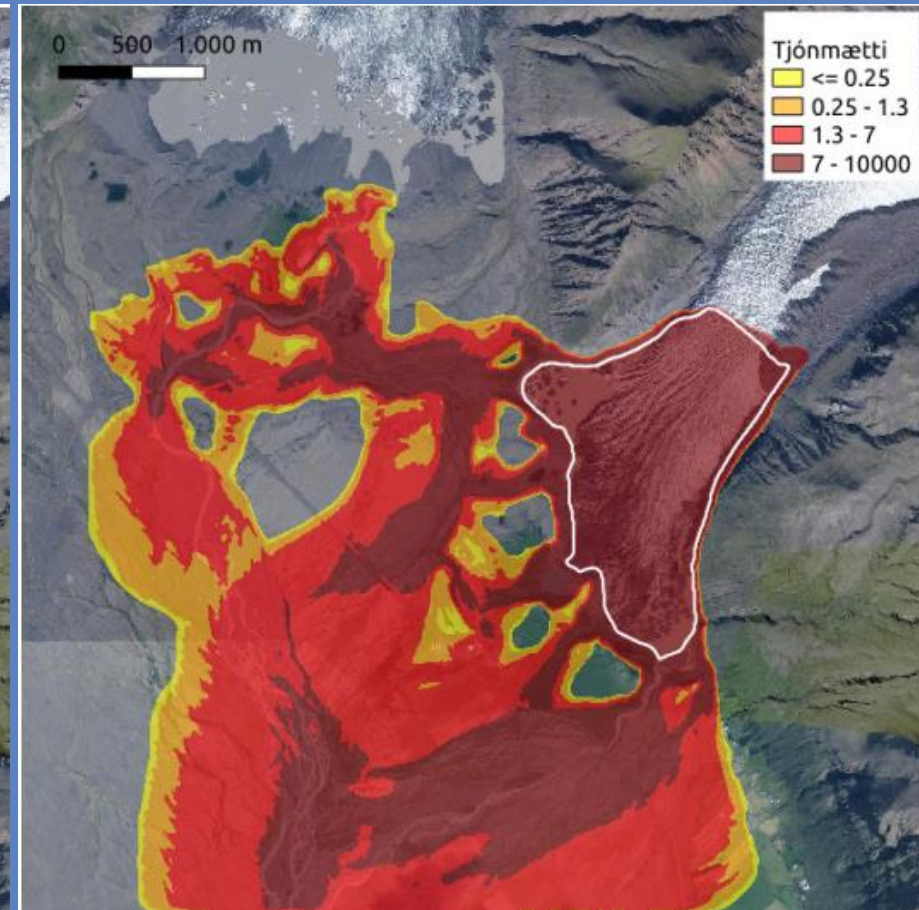
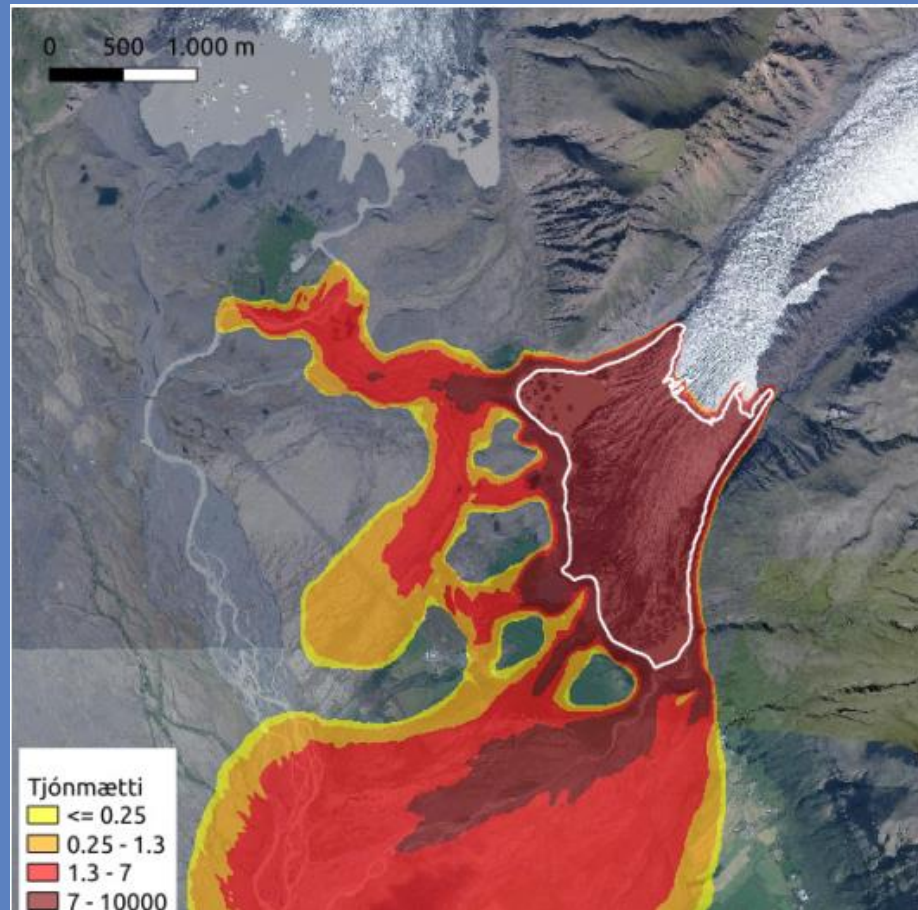
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Risk assessment



Community at a standstill



No glacier walks



No planning or building

Thank you!

