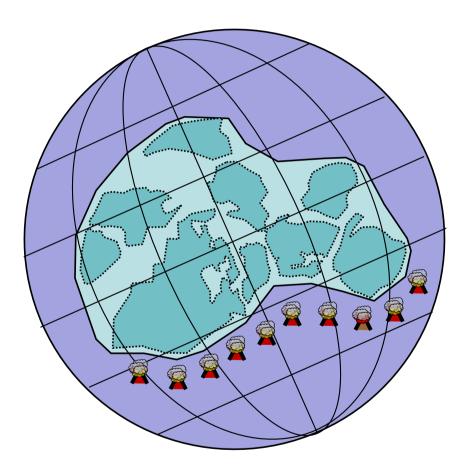


Our story continues ...

#### Nuna existed 1.8 billion years ago





Modified from Wan et al. (2015)

### Mountains as tall as the Himalaya



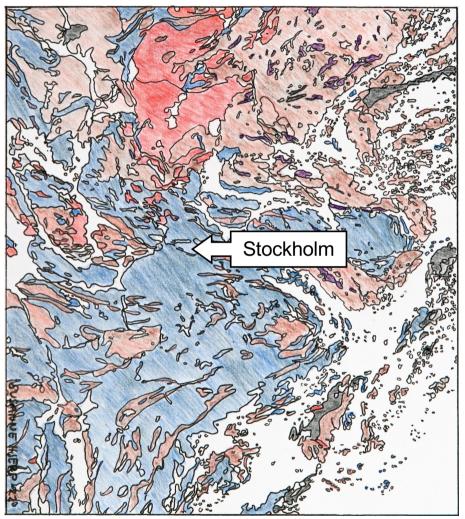


Bild: Susanne Hjerp

### Mountains as tall as the Himalaya



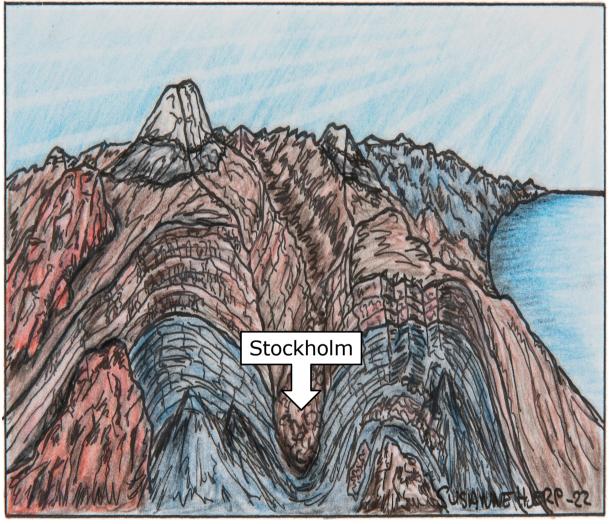
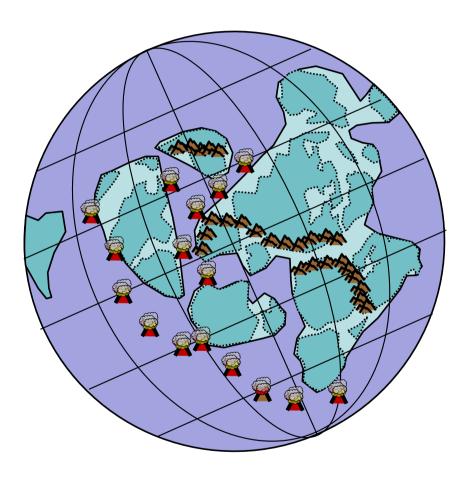


Bild: Susanne Hjerp

# The Boring Billion

#### Rodinia existed 800 million years ago





Modified from Bogdanova et al. (2009)

### Snowball Earth started 716 million years ago



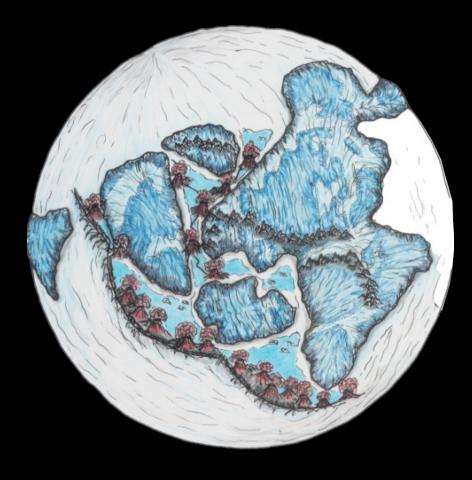


Image: Susanne Hjerp

... and was ended by **carbon dioxide** emissions from volcanoes 635 million years ago.

Image: Thordis Hognadottir, Institute of Earth Sciences, University of Iceland

20:39

### The Explosion of Life happened 541 million years ago 2





Image: Susanne Hjerp



# The Age of Dinosaurs began 228 million years ago ... 22:48

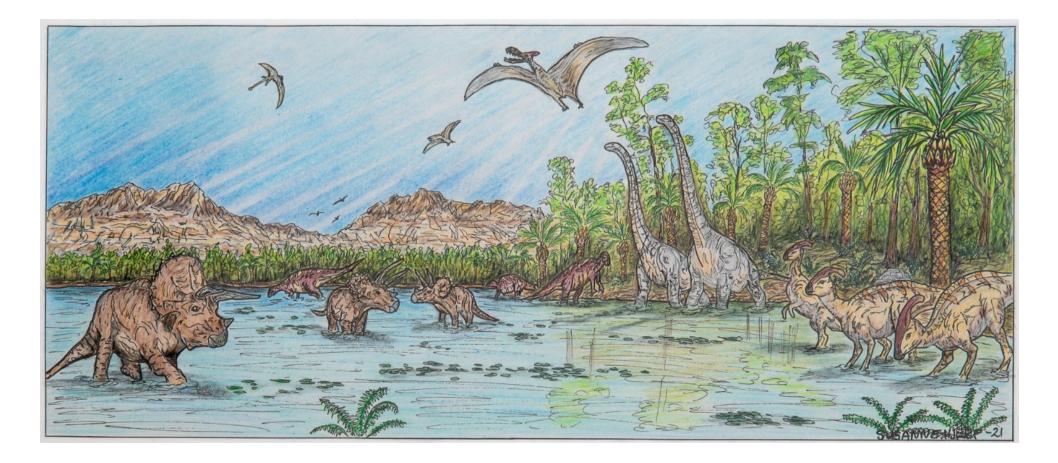
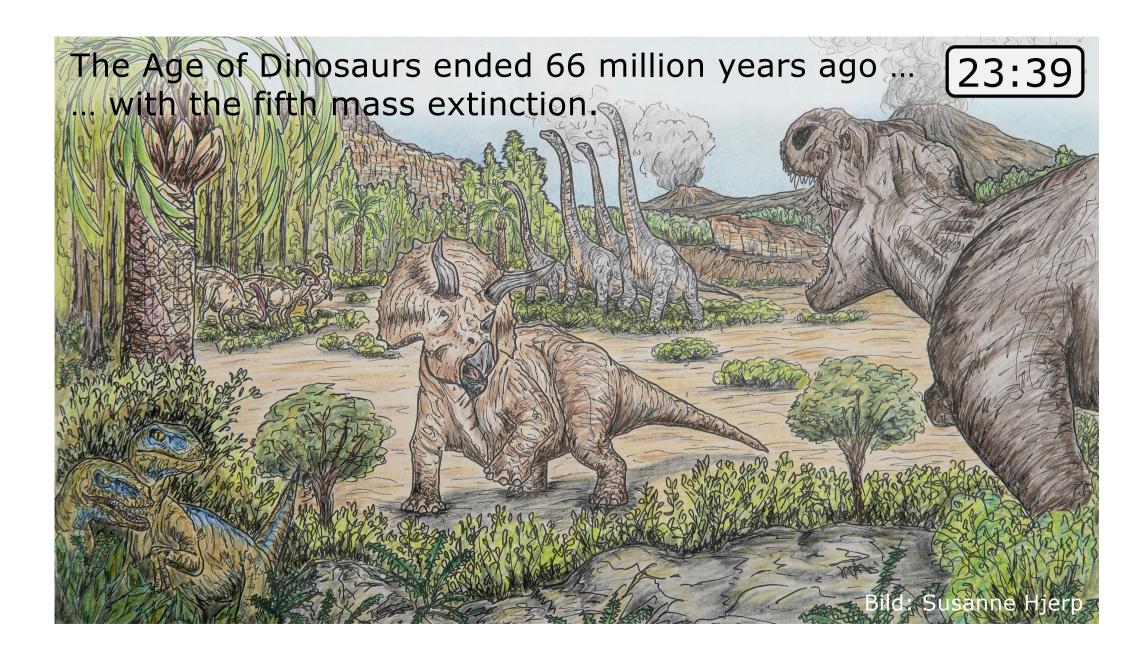
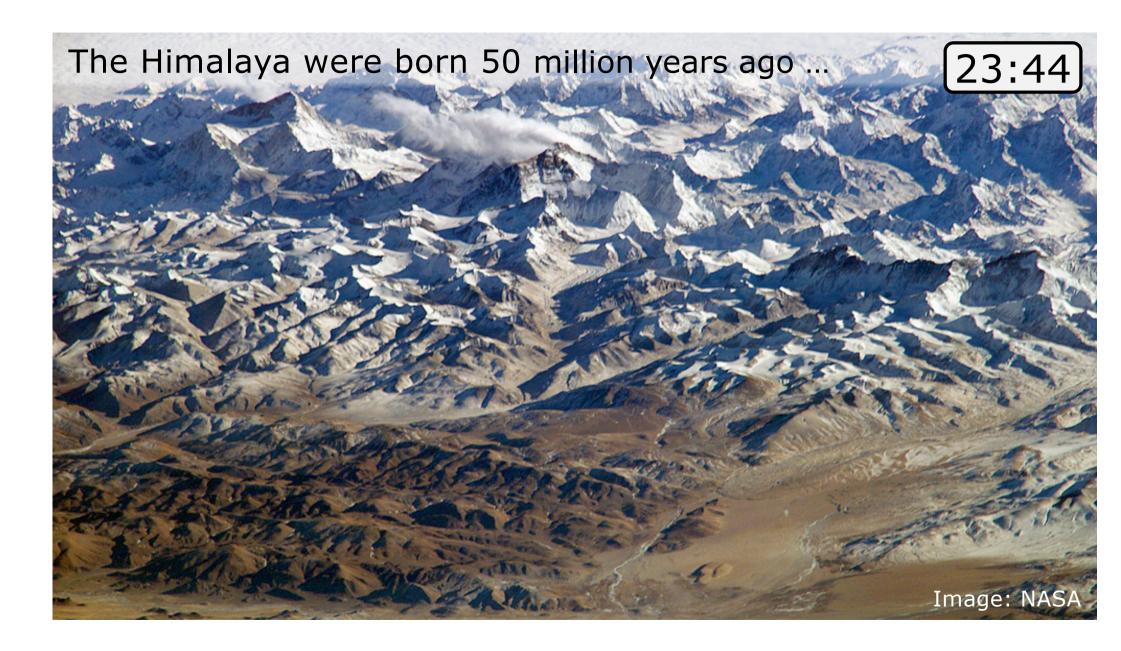
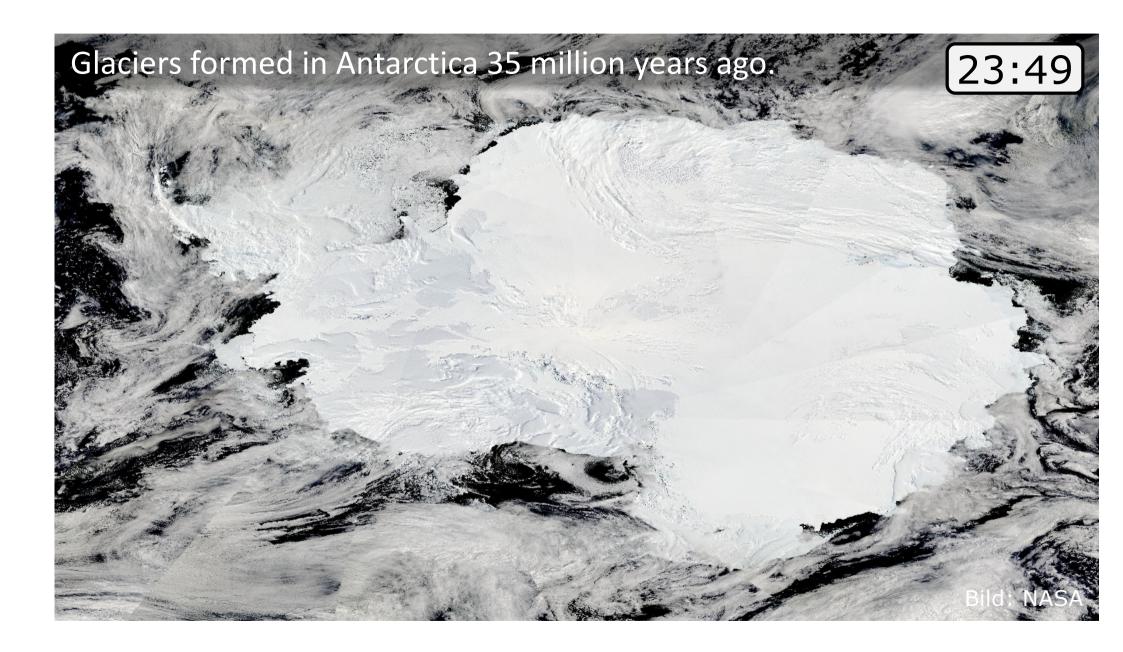


Image: Susanne Hjerp











### The Rise of Humans

# 6 seconds before midnight

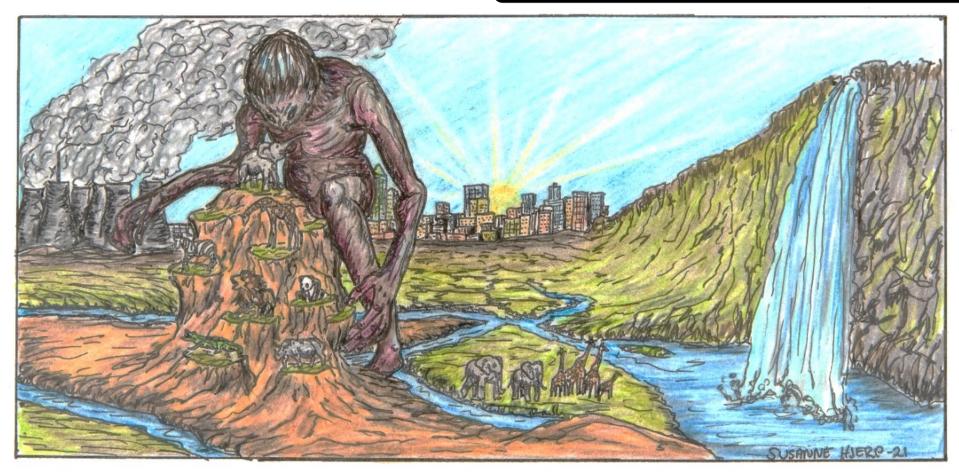
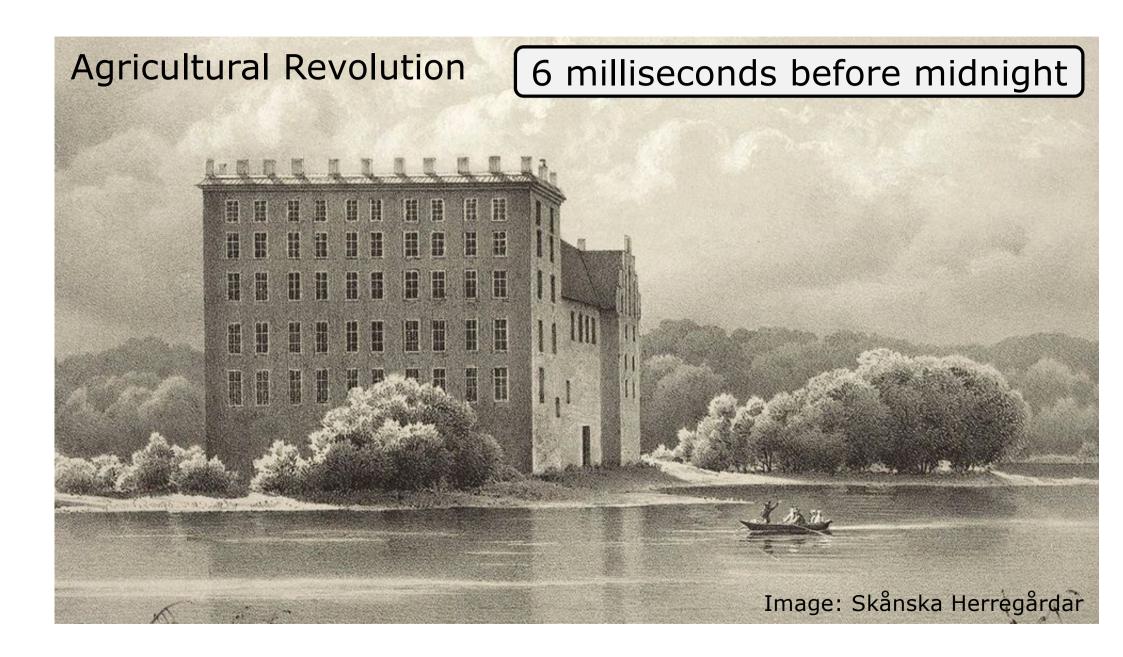
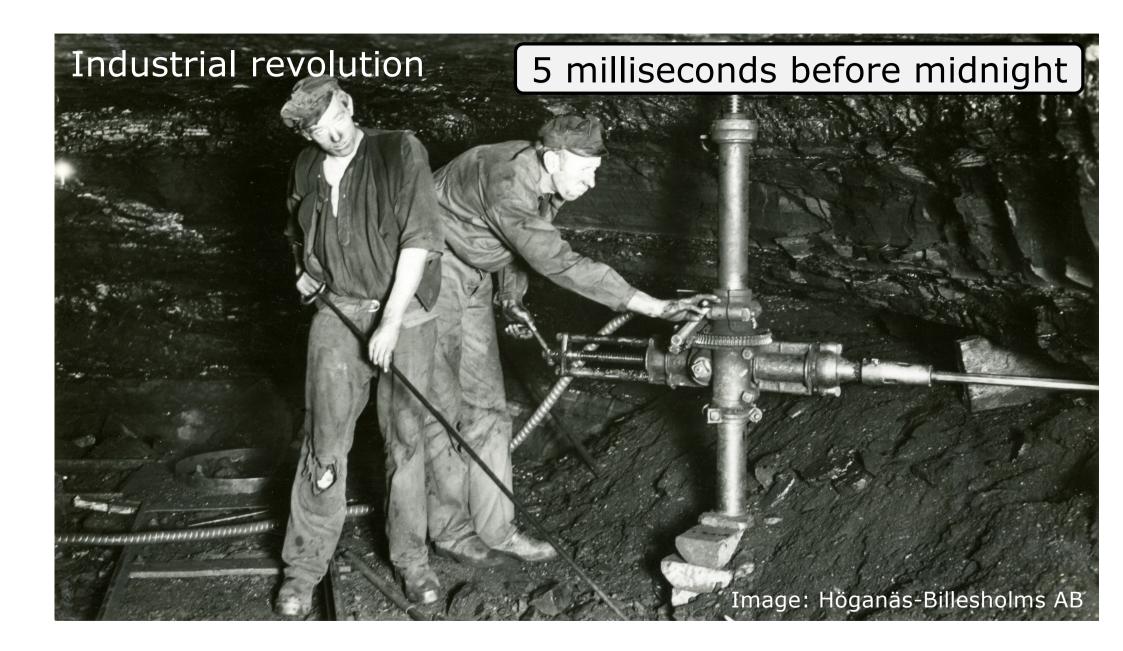
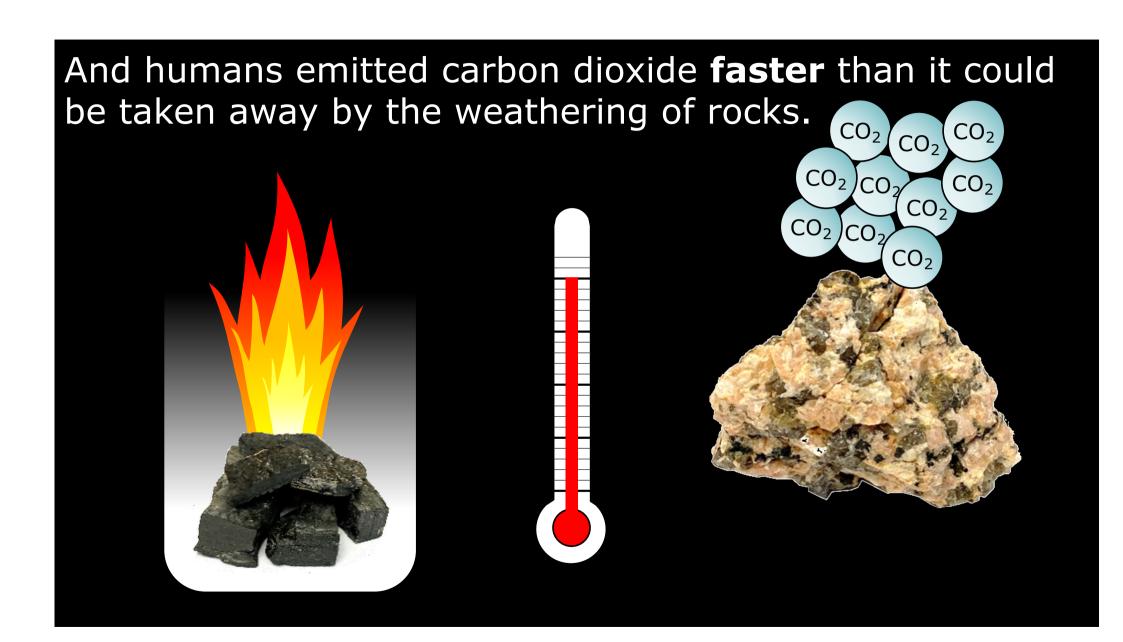


Image: Susanne Hjerp









## The Climate Crisis



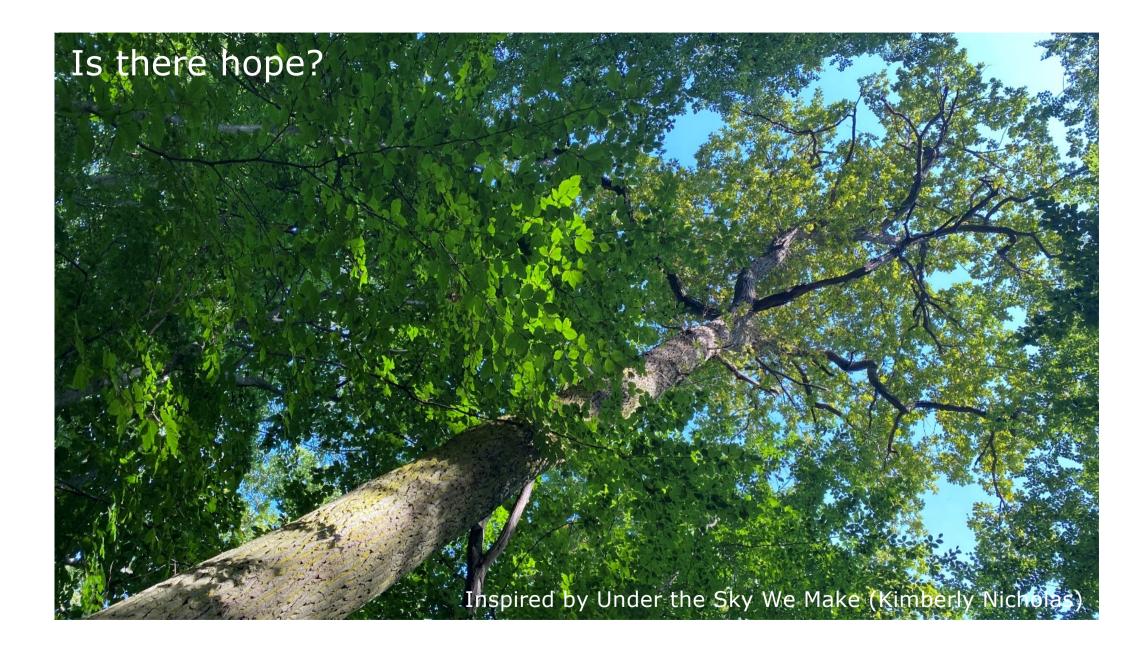


# In 2008, Bert Bolin, first chairperson of the IPCC, published an article in a Swedish newspaper ...

### "Serious – but not hopeless" - Bert Bolin, Svenska Dagbladet (2008)



Image: MISU





# The **Climate Crisis** from the perspective of geological time

Keynote – ICT4S Stockholm 27 June 2024

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