



Dream for inclusion

Dr Sasha Kosanic

About me

- Interdisciplinary Scientist
- Researcher with Cerebral Palsy
- Inclusion Advocate

Climate change



Geography



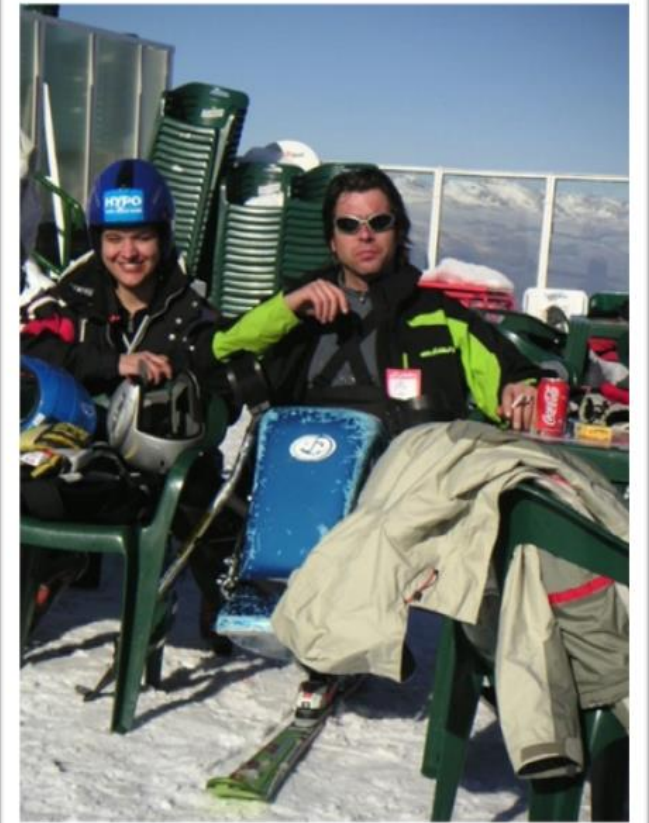
Biodiversity



Ecosystem services



Human
well-being



Paralympic Athlete
2000-2006

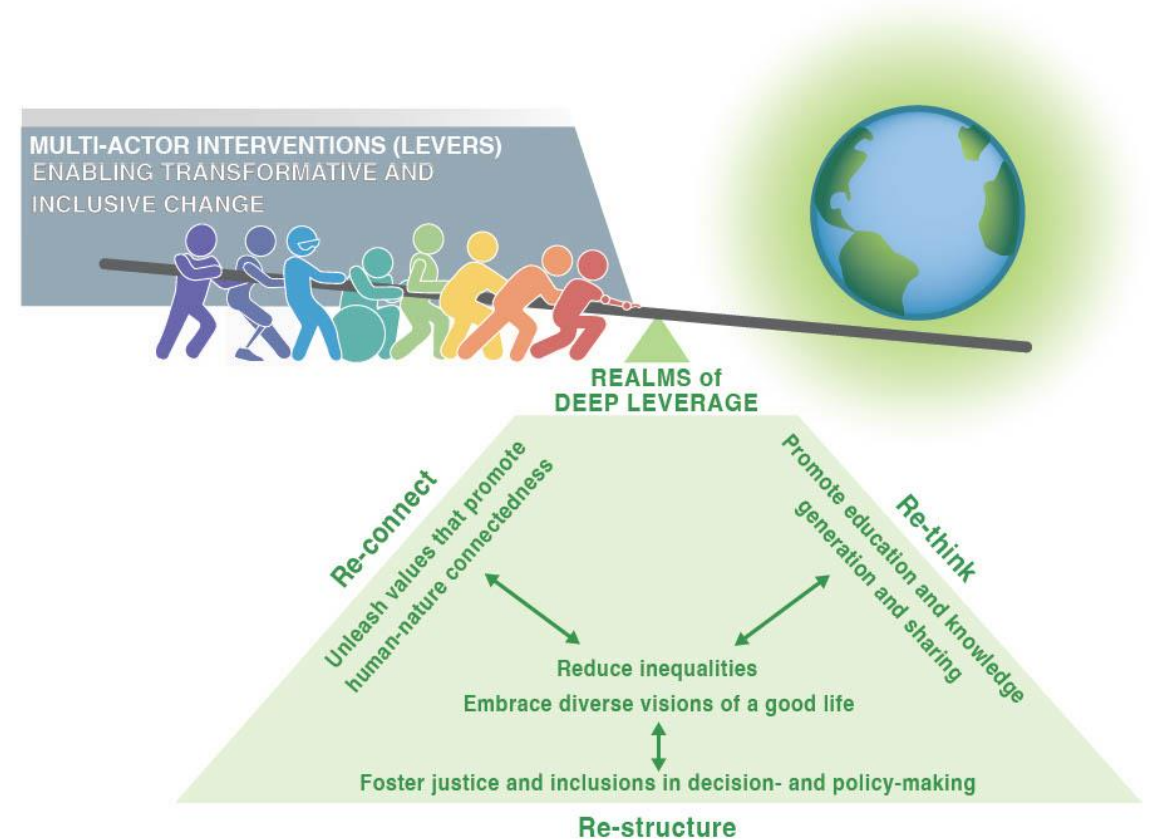
Environmental Change and disabled populations

- Disabled populations are disproportionately affected by climate and environmental change
- Extreme climatic events
 - Floods - **July 14th to 15th 2021 Arh valley**
 - Heatwaves
- Environmental change
 - Biodiversity loss



Environmental Change and disabled populations

- For disabled populations to advocate for themselves - transformational change in system is required
- **Re-Connect** - How do disabled people interact with nature?
- **Re-Structure** - Fostering justice and inclusion in decision- and policy-making
- **Re-Think** - Is about promoting education and enabling equitable transformative processes in academia



Biosphere Reserves

- Biosphere Reserves (BH) – learning places for sustainable development (UNESCO)
- Nature contributes to human well-being in many ways (Díaz et al. 2018)
- Not all groups of society have the same access to nature
- People with disabilities, women, other non-binary genders, Black, Indigenous, and People of Color (BIPOC) – often excluded
- **NGO “In Planinec”** Slovenia



Biosphere Reserves

- Biosphere Reserves
- Screening for disability measures in **165 UNESCO Biosphere Reserves** in **18 countries** in the World
- Physical disabilities
- Cognitive disabilities
- Mental disorders
- Sensory disabilities



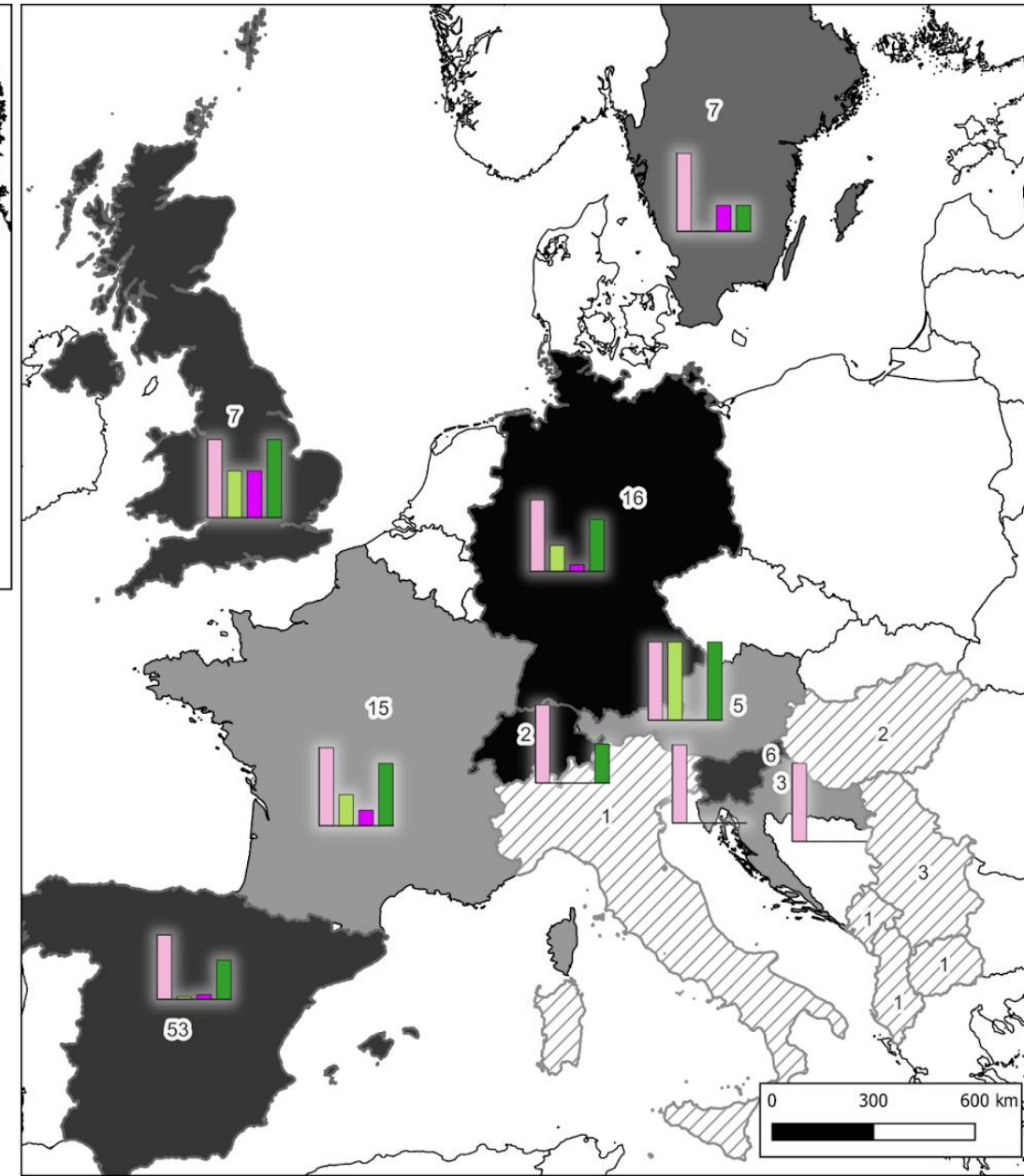
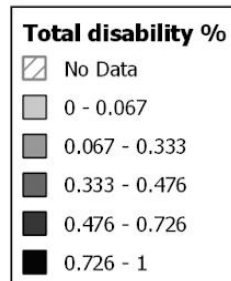
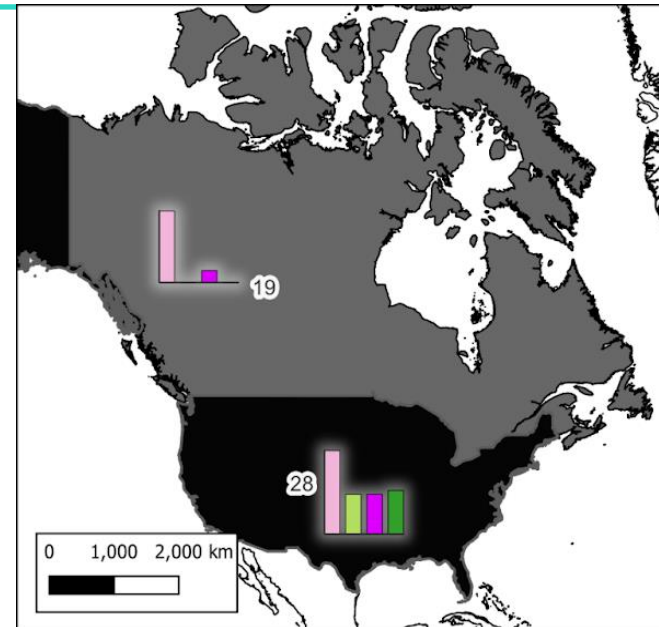
Klara Winkler



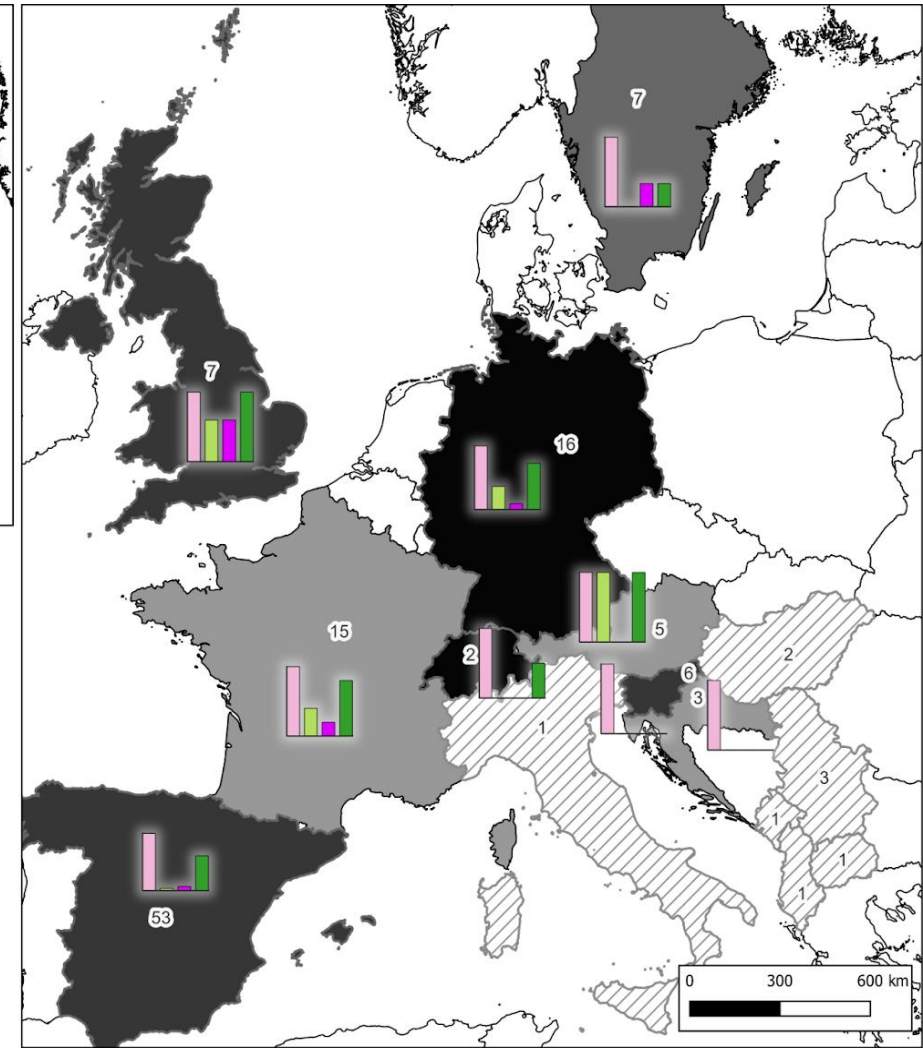
Berta Martín-López

Biosphere Reserves

- **Accessibility measure** for 94 (57% of BH)
- physical disabilities - (91.5% of BH)
- sensory disabilities - (50.0% of BH)
- cognitive disabilities - (21.3% of BH)
- mental disabilities - (20.2% of BH)



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- A map of North America showing the distribution of two lineages of the genus *Pseudotsuga*. The 19 lineage is represented by a pink bar in western Canada, and the 28 lineage is represented by a pink, green, and purple bar in the southern United States. A scale bar indicates 0, 1,000, and 2,000 km.



Equity in Academia

Academia '**thinks**' it is equal!

- Currently under-represented across science, technology, engineering and maths ('STEM')

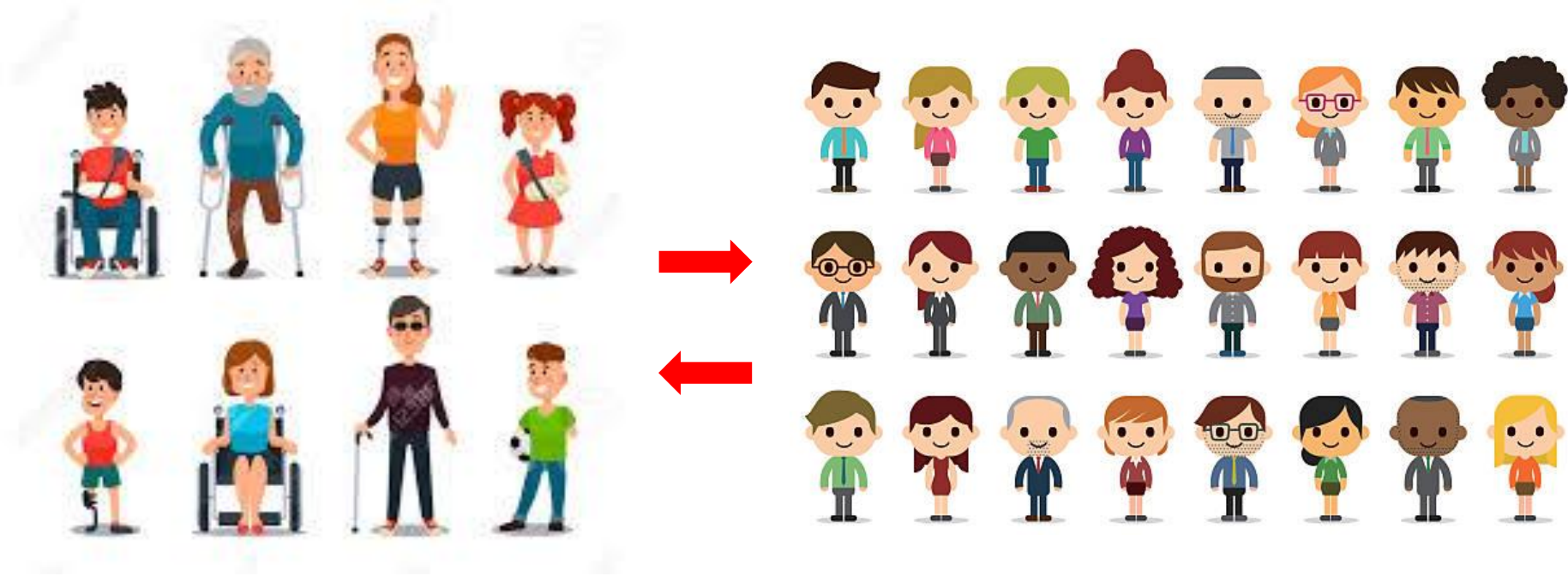


Equality



Equity

Equity



Representation matters

Direct comparison

- Grants
- Academic publications
- Promotions

What to take away?

- Diversity is beneficial to the workplace – **Role models**
- **Overlooked positive sides of disability**

Creativity

Grit

Relational intelligence

**Excellent management
and organisation skills**

**Stress
resilience**