

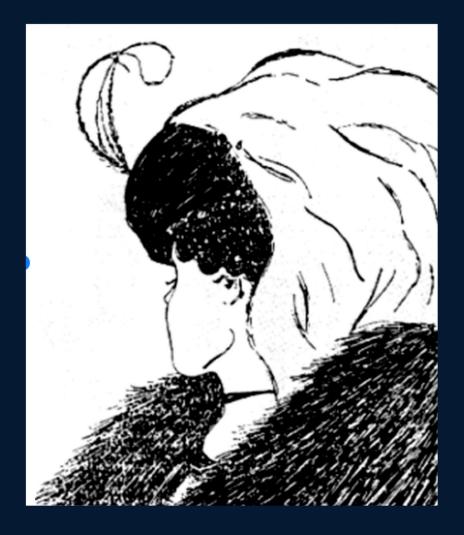




David Hailstones

Senior Vice President & COO
Bella Vista Institute of Higher Education
Switzerland (BVIS)

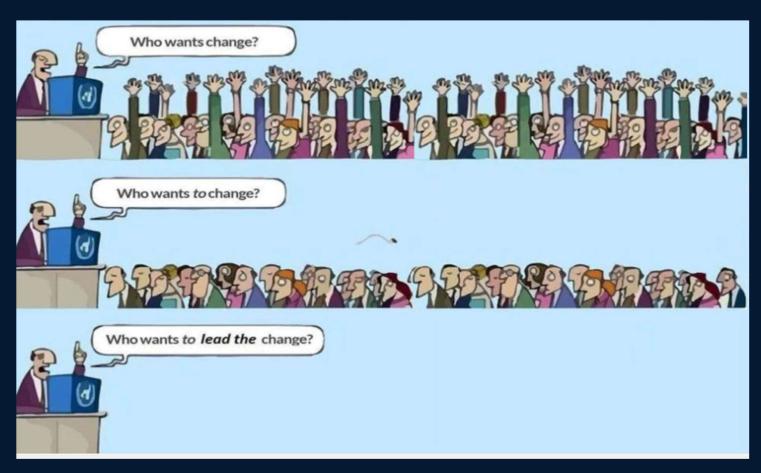
What is your perspective on change?







Who really wants change?







The laws of Physics set the limits



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Abstract

Rising air temperatures threaten the snow reliability of this resorts. Most resorts rely on technical movemaking to compensate the lacking natural amone But increased water consumption for monemaking may came conflicts with other sectors' water uses such as hydropower production or the hotel industry. We assessed the future snow reliability (likelihood of a continuous contracts) of the Swiss resort Andermate-Xentum-Direntis throughout the twenty-first century, where 65% of the area is currently equipped for snowmaking. Our projections are based on the most recent climate change scenarios for Switzerland (CH2018) and the model Sxistim 20 including a snowmaking model. Unabated greenhouse gas emissions (scenario RCPS.5) will cause a lack of natural snow at areas below 1800-2000 m aid by the mid-wenty-first century, includingly, this can be fully compensated by soonwaking, but by the off the century, be results become more manaced. While snowmaking can provide a continuous 100-day season throughout the twenty-first century, clinic commically important Cristrans holdings are increasingly at risk under the high-emission scenario in the late twenty-first century. The coverall high snow reliability of the resort comes at the cost of an increased water demand. The total extensive committees the cost of an increased water demand. The total extensive first century. The coverall high snow reliability of the resort comes at the cost of an increased water demand. The total extensive first century of the consonically important risks by 79% by the end of the century (2070-2099 compensated by such to 1981-2010; scenario RCPS.5), implying that new water sources will have to be exploited. Future water management plans at the catchment level, embracing the statcholders, could help to solve future claims for water in the region.

Keywords Climate change · Scenarios · Ski tourism · Snowmaking · Swiss Alps · Water consumption

Introduction

Winter tourism is an important economic sector in mountain regions. Globally, the European Alps are the number one destination for skiing, with 43% of all skier days worldwide. With 24.9 Mio registered skier days in 2018/19, Switzerland ranks as number six in the world (Vanat 2021). In the winter

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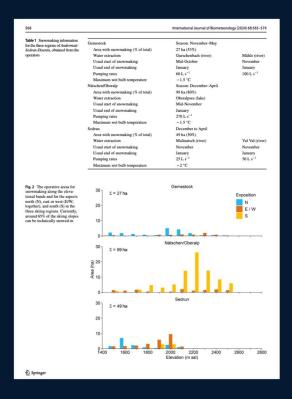
- Maria Vorkauf
- ¹ Institute of Botany, Department of Environmental Sciences, University of Basel, Schönbeinstrasse 6, 4056 Basel, Switzerland
- Faculty of Economics and Statistics, Department of Publi Finance, University of Innsbruck, Universitätsstrasse 15, 6070 Innsbruck, Austria
- ³ Institute for Systemic Management and Public Governance, University of St. Gallen, Dufourstrasse 40a, 9000 St. Gallen Switzerland

season 2018/19, the Swiss cable cars yielded revenues of 758 Mio CHF (transport only; SBS 2019), underpinning the substantial economic value.

substantial economic value.

Rising temperatures due to ongoing and future climate change (Rebetez and Reinhard 2008; IPCC 2018) entail severe reductions in the snow over flowing 2008; Keine et al. 2016; NCCS 2018; Hock et al. 2019; For the Swins Alpa, while me dipring temperatures are projected to increase by white fund pring temperatures are projected on increase by a substantial properation of the projected on the project of the proje





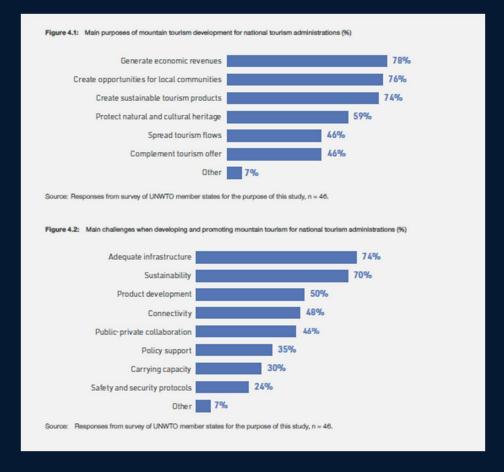






The UN Tourism Report 2023



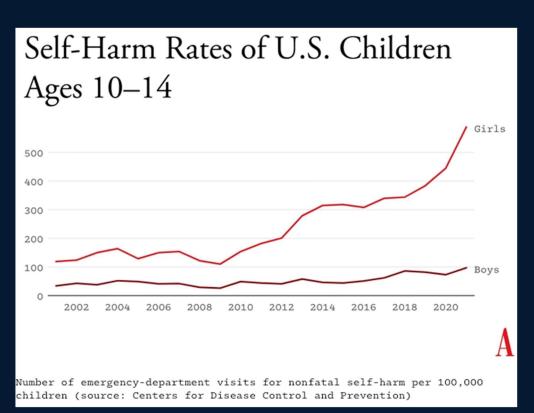






The Generation Challenge







They can change then just need a reason







Let's talk a minutes about Tiny Gains



Imagine what you could do with a culture on the 1% rule?







Let us recap on what has been discussed

- 1. Perspective Everyone will see a challenge differently
- 2. Change –" We do want change"
- 3.100 Day Snow We agree we need to diversify, plan and restrategize further
- 4. The Generations Get them involved right at the beginning "Education"
- 5. The Industries Micro Education to solve the challenges
- 6. The Force of Community Locals & Expats embrace change
- 7. Celebrate Everything Celebrate the Milestones as a community especially with the youth
- 8. Wellbeing & Health The Centre of every decision





The Right Stakeholders are in place















Wishing Everyone A Great Day!

Thank you!