SCREEN CAPTURE
WELCOME

Insights and experiences from assessing the added value of PROSNOW®, a prediction system to support snow management in Alpine ski resorts

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PROSNOW
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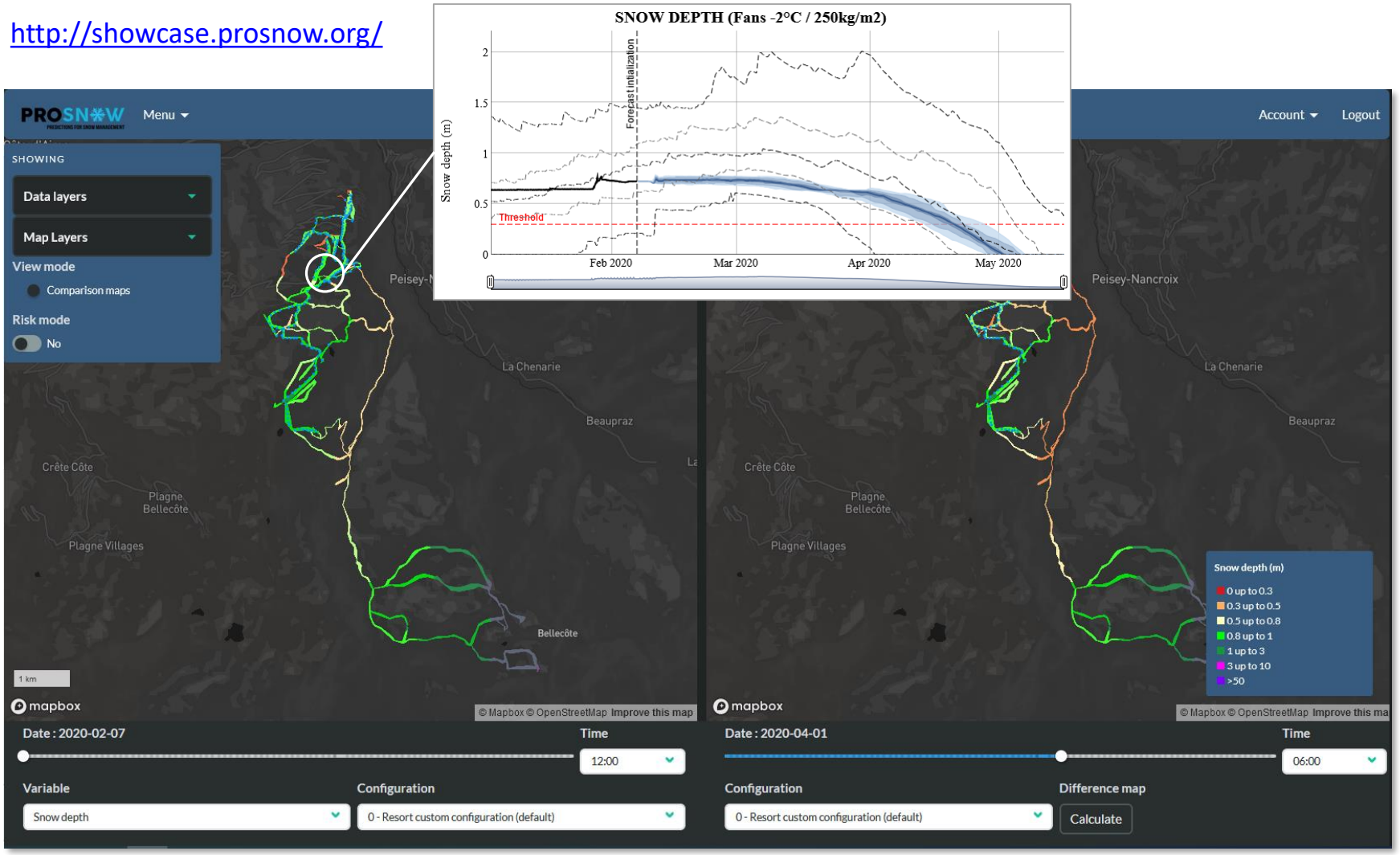
The Climate Service: PROSNOW®

http://showcase.prosnow.org/



Project consortium

8 scientific institutes

METEO FRANCE, RAMBOLL, INRAE, WSL, BOKU, JOANNEUM RESEARCH, universität innsbruck, eurac research

5 private companies

ALPsolut, TECHNOALPIN snow experts, DIANEIGE, snowsat, CGX

9 pilot ski resorts

la Plagne, les Saisies, Zugspitze TOP OF GERMANY, Seefeld, ÖTZTAL OBERGURGL HOCHGURGL, DOLOMITI SUPERSKI, Arosa Lenzerheide, LIVIGNO

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The (E-)Valuation of PROSNOW®

Methods (applied to pilot ski resorts)

Simulation-based approach:
(ex-ante valuation based on decision theory)

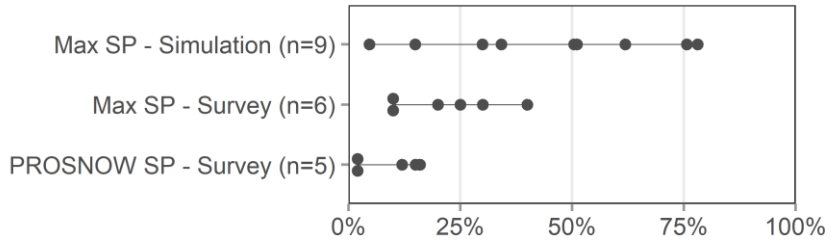
- Maximum water (& cost) saving potential
- PROSNOW® water (& cost) saving potential

Survey-based approach:
(ex-ante & ex-post valuation elements)

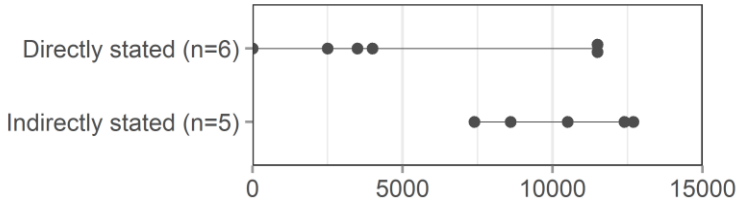
- Expected maximum & PROSNOW® saving potential
- Perceived forecasting accuracy
- Experienced & expected usefulness
- WTP (direct/indirect stated preference methods)

Some Results & Insights

Water/cost saving potential (%):



Willingness to pay (€ per season):



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See also Köberl et al. (2021) https://doi.org/10.1016/j.cliser.2021.100238

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