

Ski touring maps

Hi!

Welcome to the survey about ski touring maps. This survey is conducted as part of the M.Sc. Cartography thesis.

About this study: Research has been conducted to find the need and demands of tour skiers for ski tour maps. Following up on this, a new map style has been designed solely using open data. You will be asked questions on geographic understanding, understanding of the ski tours, assessment of avalanche risks and usefulness of the map style. Your participation would be very valuable for this research, and will help to improve ski touring map styles.

The map style designed for this research is meant to be printed on A2 paper. However, for this survey, it is sufficient to download the map on your computer.

Time required: This survey will take you approximately 15 minutes

Risks: No risks are foreseen with undertaking this research.

Voluntarily: Participating in this research is completely voluntarily. You may withdraw at any time.

Anonymous: Results of this study will be compiled with other participants and any specific references to participants will be done anonymously. The data will only be used for this research and will not be shared with third parties.

The research is conducted by Vivien van Dongen at the Technische Universität Wien, supervised by Univ. Prof. Dr. Dr. h.c. Georg Gartner.
If you have any questions about this research, please contact the researcher Vivien van Dongen (vivienvdongen@gmail.com)

By clicking on "next", you accept the conditions of participation.

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Ski touring maps

General information

What is your gender?*

☐ Male

☐ Female

☐ I prefer not to say

☐ Other

How old are you?*

How experienced are you with ski touring*

☐

No experience

☐

Novice (1 - 5 days of tour skiing)

☐

Intermediate (5 - 25 days of tour skiing)

☐

Experienced (25 - 100 days of tour skiing)

☐

Very experienced (100+ days of tour skiing)

How many days per year do you go ski touring?*

☐

1 - 10 days per year

☐

11 - 20 days per year

☐

20+ days per year

☐

I no longer ski tour

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Map legibility

This section will ask you some questions about your understanding of the map

Please download the map by clicking [here](#)

For the resolution it is important that you actually download the map, please don't use Google preview.

Is the Austriahütte north or south of Dachsteinhaus?*

Both elements can be found in the lower center of the map

☐ North

☐ South

☐ I don't know

Is the Durchat peak higher or lower elevated than the alpine hut Walcheralm?*

Both elements can be found in the lower center of the map

☒ Higher elevated

☐ Lower elevated

☐ I don't know

Is Schladminger Gletscher west or east of Schneelochgletscher?*

Both elements can be found in the center of the map

☐ West

☐ East

☐ I don't know

What direction is the material lift on the Schladminger gletscher going?

*

☐ From east to west

☐ From west to east

☐ I don't know

What is the land cover at point A?*

What is the land cover at point B?*

Is point C along a mountain ridge or in a gorge?

☐ Mountain ridge

☐ Gorge

☐ I don't know

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Understanding of the tours

How many kilometers is tour 4, from the Schladminger gletsjer to Ramsau am Dachstein, approximately?*

☐ 8

☐ 12

☐ 15

☐ 18

What does the yellow dashed line mean for tour 3?*

☐ Avalanche risk

☐ Difficult passage

☐ Easy passage

Where does tour 5 start?*

☐ Simonyhütte

☐ Hunerkogel

☐ I don't know

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Assessment of avalanche risk

Is it likely for a snow avalanche to happen at location D?*

☐ Yes

☒ No

☐ I don't know

Is it likely for a snow avalanche to happen at location B?*

☐ Yes

☐ No

☐ I don't know

Does this map provide you enough information to assess the snow avalanche risk?*



Strongly disagree



Disagree



Neutral



Agree



Strongly agree

Please elaborate your answer on the usefulness of the map for assessing avalanche risk*

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Use of the map

This map is useful for planning a ski tour*



Strongly disagree



Disagree



Neutral



Agree



Strongly agree

Please elaborate your answer on the usefulness of the map for planning ski tours*

This map is useful for navigation during a ski tour*



Strongly disagree



Disagree



Neutral



Agree



Strongly agree

Please elaborate your answer on the usefulness of the map for navigation during a ski tour*

This map is useful for reflecting on a ski tour*



Strongly disagree



Disagree



Neutral



Agree



Strongly Agree

Please elaborate your answer on the usefulness of the map for reflecting on a ski tour*

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Final questions

I like the design of this map*

☐

Strongly disagree

☐

Disagree

☐

Neutral

☐

Agree

☐

Strongly agree

Would you change anything in this map?*

Please elaborate on your answer

Do you miss any elements in this map?*

Please elaborate on your answer

Are there any elements that are unclear in this map?*

Please elaborate on your answer

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