

# KAREL KRIZ

## SELECTED PUBLICATIONS (SINCE 2007)

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### *Books and Edited Volumes*

- 2009      ■ (together with W. Kainz, A. Riedl [eds]) Geokommunikation im Umfeld der Geographie. Institut für Geographie und Regionalforschung der Univ. Wien, Kartographie und Geoinformation. Vol. 19, Wien 2009, ISBN: 978-3-900830-69-40
- 2010      ■ (together with W. Cartwright, L. Hurni [eds]) Mapping Different Geographies. Series: Lecture Notes in Geoinformation and Cartography, Springer, Berlin 2010, ISBN: 978-3-642-15536-9
- 2011      ■ (together with W. Kainz, A. Riedl [eds]) 50 Jahre ÖKK (= Wiener Schriften zur Geographie und Kartographie, Band 20), Wien 2011, Wien 2011, ISBN: 978-3-900830-69-4
- 2012      ■ (together with W. Cartwright, M. Kinberger [eds]) Understanding Different Geographies. Series: Lecture Notes in Geoinformation and Cartography, Springer, Berlin 2012.
- 2015      ■ Mountain Cartography – 16 Years ICA Commission on Mountain Cartography (1999-2015) (= Wiener Schriften zur Geographie und Kartographie, Vol. 21), Wien 2015, ISBN: 978-3-900830-86-1

### *Articles*

- 2007      ■ (together with A. Pucher and M. Kinberger) Information Transfer and Cartographic Design Issues for Avalanche Risk Mapping. In: Proceedings, 23rd International Cartographic Conference 6-10 August 2007, International Cartographic Association, Moscow, Russia 2007.
- (together with A. Pucher and M. Kinberger) CHIS - Cultural History Information System of the Western Himalaya. In: Proceedings, 23rd International Cartographic Conference 6-10 August 2007, International Cartographic Association, Moscow, Russia 2007.
- (together with A. Pucher and G. Katzlberger) ÖROK-Atlas online – Atlas Information System of Austria. In: Proceedings, 23rd International Cartographic Conference 6-10 August 2007, International Cartographic Association, Moscow, Russia 2007.
- (together with A. Pucher and S. Niederer) Spatial Decision Support System for Sustainable Water Management. In: Proceedings, 23rd International Cartographic Conference 6-10 August 2007, International Cartographic Association, Moscow, Russia 2007.
- (together with G. Katzlberger and A. Pucher) ÖROK-Atlas online - Einsatz eines nationalen Atlas-Informationssystems im Unterricht. In: Strobl, Blaschke and Griesebner (eds.), Lernen mit Geoinformation. Beiträge zum 18. AGIT-Symposium Salzburg, Wichmann Verlag, Heidelberg 2007.
- (together with M. Kinberger and P. Nairz) LWD-Infosystem TIROL-

- visual information about the current avalanche situation via mobile devices. In: G. Gartner, W. Cartwright, M.P. Peterson, Michael (eds): Location Based Services and TeleCartography Series: Lecture Notes in Geoinformation and Cartography, 2007.
- (together with M. Heuberger) Terrain Representation in Small-Scaled Maps. In: Proceedings of the 5th ICA Mountain Cartography Workshop, International Cartographic Association, Ljubljana, Slovenia 2007.
  - (together with M. Kinberger) Geo-Communication and Daily Avalanche Awareness. In: Proceedings of the 5th ICA Mountain Cartography Workshop, International Cartographic Association, Ljubljana, Slovenia 2007.
- 2008
- (together with M. Kinberger and D. Schobesberger) Interdisciplinary Research in High Mountain Areas of North-East India. In: Proceedings of the 6th ICA Mountain Cartography Workshop, International Cartographic Association. Lenk, Switzerland 2008, 125–128.
  - Cartographic Design Issues Utilizing Google Earth for Spatial Communication. In: Proceedings of the 6th ICA Mountain Cartography Workshop, International Cartographic Association. Lenk, Switzerland 2008, 129–131.
- 2009
- (together with A. Pucher, M. Kinberger, D. Schobesberger) Mapping Cultural History of the Western Himalayas. In: Proceedings, 24th International Cartographic Conference November 2009, International Cartographic Association, Santiago de Chile 2009, Chile
  - Are we living in a cartographic illiterate society? In: Gartner, W. Cartwright, A. Lehn (eds): Cartography and Art, Series: Lecture Notes in Geoinformation and Cartography, Springer, Berlin 2009.
- 2010
- (together with D. Schobesberger, M. Breier) Design and production of the Himachal Pradesh Topographic Overview Map, Scale 1:500.000. In: Cartographic Perspectives, Special Mountain Cartography issue, No. 67, Winter 2010
  - (together with A. Pucher, M. Kinberger) ÖROK-Atlas online – Ein Atlas-Informationssystem von Österreich. In: Kartographische Nachrichten, Heft 2, Kirschbaum Verlag, Bonn 2010, S. 76-81
  - (together with W. Cartwright, L. Hurni) Mapping Different Geographies. In: Kriz/Cartwright/Hurni, (Eds.): Mapping Different Geographies. Series: Lecture Notes in Geoinformation and Cartography, Springer, Berlin, 2010, P.1-8, ISBN: 978-3-642-15536-9
- 2011
- Topographische und Hochgebirgskartographie In: Kainz/Kriz/Riedl (Eds.): 50 Jahre ÖKK (= Wiener Schriften zur Geographie und Kartographie, Band 20), Wien 2011
  - (together with A. Pucher, M. Kinberger) Webmapping – Forschung und Entwicklung an der Universität Wien, Institut für Geographie und Regionalforschung. In: Kainz/Kriz/Riedl (Eds.): 50 Jahre ÖKK (= Wiener Schriften zur Geographie und Kartographie, Band 20), Wien 2011

- (together with D. Schobesberger) Advances of Interdisciplinary Cartography in the Himalayan Mountains. In: Proceedings of the 7th ICA Mountain Cartography Workshop, International Cartographic Association, Borsa 2011, Romania
  - Mountain Guide 3 in 1 - Utilizing cartography to enhance print, internet and mobile media. In: Proceedings, 25th International Cartographic Conference July 2011, International Cartographic Association, Paris 2011, France
- 2012
  - The Cultural History Information System of the Western Himalayas. In: D. Klimburg-Salter, H. Krasser, P. Mc Allister (eds): Cultural Flows across the Western Himalaya. Proceedings of the conference in Shimla, April 2009, Vienna 2012.
  - Maps and Design – Influence of Depiction, Space and Aesthetics on Geo-Communication. In: Kriz, K., Cartwright, W. E., Kinberger, M. (eds) (2012), Understanding Different Geographies. Series: Lecture Notes in Geoinformation and Cartography. Berlin 2012.
- 2013
  - (together with W. Kainz, A. Pucher, A. Riedl) On-line Services for Visualization and Navigation. In: Kartographische Nachrichten, Heft 3, Kirschbaum Verlag, Bonn, P. 160-164
  - (together with A. Pucher) Decomposing Cartographic Artefacts – Concept, Design and Realization of a Numismatic Exhibition. In: Mapping Mountain Dynamics: From Glaciers to Volcanoes, Proceedings of the 8th ICA Mountain Cartography Workshop, International Cartographic Association, CartoPress, Taurewa, New Zealand, P. 67- 75
- 2014
  - Book and Atlas Reviews - Topographic Relief Depiction by Hachures with Computer and Plotter by Pinhas Yoeli. In: Field K., Kent A. (Eds.): Landmarks in Mapping: 50 Years of the Cartographic Journal, Maney Publishing (2014), ISBN: 978-1-909662-38-4 Pinhas Yoeli. In: Field K., Kent A. (Eds.): Landmarks in Mapping: 50 Years of the Cartographic Journal, Maney Publishing (2014), ISBN: 978-1-909662-38-4
  - Blick vor in die Vergangenheit – 150 Jahre Alpenvereinskartographie. In: Alpenvereinsjahrbuch BERG 2015. Deutscher Alpenverein (DAV), Oesterreichischer Alpenverein (OeAV) und Alpenverein Südtirol (AVS), Tyrolia-Verlag Innsbruck-Wien 2014, S. 192-197. ISBN 978-3-7022-3410-2
- 2015
  - Alpine Club Mapping – 150 years of cartography. In: Kriz (Eds.): Mountain Cartography – 16 Years ICA Commission on Mountain Cartography (1999-2015) (= Wiener Schriften zur Geographie und Kartographie, Vol. 21), p. 153-160
  - (together with M. Grünwald) Rock Depiction - A Semi-automated Approach. In: Kriz (Eds.): Mountain Cartography – 16 Years ICA Commission on Mountain Cartography (1999-2015) (= Wiener Schriften zur Geographie und Kartographie, Vol. 21), p. 99-104
  - (together with L. Hurni et al.) ICA Commission on Mountain Cartography. In: Kriz (Eds.): Mountain Cartography – 16 Years ICA

- Commission on Mountain Cartography (1999-2015) (= Wiener Schriften zur Geographie und Kartographie, Vol. 21), p. 9-16
- Himachal Pradesh Topographic Overview Map 1:500.000. Beiträge zur Kultur- und Geistesgeschichte Asiens 88, 2015, Landkarte, 98,4 x 82 cm (gefaltet ca. 20,5x12,3cm), ISBN 978-3-7001-7427-1, <http://www.austriaca.at/7427-1>
  - Ladakh Topographic Overview Map 1:500.000. Beiträge zur Kultur- und Geistesgeschichte Asiens 87, 2015, Landkarte, 98,4 x 82 cm (gefaltet ca. 20,5x12,3cm), ISBN 978-3-7001-7428-8, <http://hw.oeaw.ac.at/7428-8>
- 2016
- (together with H. Hitz, A. Pucher) MyMap als Werkzeug im GW-Unterricht. In: GW-Unterricht 141, (1/2016), 54–60, ISSN: 2414-4169
  - (together with Alram et al) Das Antlitz des Fremden : die Münzprägung der Hunnen und Westtürken in Zentralasien und Indien, Wien : Verlag der Österreichischen Akademie der Wissenschaften, 2016 <https://permalink.obvsg.at/AC13384218>
- 2017
- (together with K. Biedermann) The Creation of Relief Models over Time - Development, Usage, Perspectives and Trends - A Comparison between Analogous and Digital Relief Models in Alpine Areas. In: Proceedings of the 10th ICA Mountain Cartography Workshop, International Cartographic Association, Berchtesgaden 2016, Germany
  - (together with L. Neugebauer) Avalanche Awareness Accessing Video Clips for Efficient Geo-Communication – Maps, Diagrams and Storytelling in Action. In: Proceedings of the 10th ICA Mountain Cartography Workshop, International Cartographic Association, Berchtesgaden 2016, Germany
- 2018
- (together with Lanza et al) Project ALBINA: The technical framework for a consistent, cross-border and multilingual regional avalanche forecasting system, International Snow Science Workshop Proceedings 2018, Innsbruck, Austria <https://arc.lib.montana.edu/snow-science/item.php?id=2705>
  - (together with Mitterer et al) Project ALBINA: A conceptual framework for a consistent, cross-border and multilingual regional avalanche forecasting system, International Snow Science Workshop Proceedings 2018, Innsbruck, Austria <https://arc.lib.montana.edu/snow-science/item.php?id=2812>
  - (together with Nairz, P., Ruetz, L.) How to assess and communicate persistent weak layers: a forecaster's perspective, International Snow Science Workshop Proceedings 2018, Innsbruck, Austria <https://arc.lib.montana.edu/snow-science/item.php?id=2818>
  - (together with Zenkl et al) KommTool - Communication and Management System for Avalanche Commissions - a Versatile Risk Management Tool, International Snow Science Workshop Proceedings 2018, Innsbruck, Austria <https://arc.lib.montana.edu/snow-science/item.php?id=2826>
  - (together with Nairz, P., Zenkl, G.) LAWIS - A Collaborative Data

Communication Portal for Avalanche Risk Management and Prevention, International Snow Science Workshop Proceedings 2018, Innsbruck, Austria <https://arc.lib.montana.edu/snow-science/item.php?id=2829>

- (together with Breier, M. and Pucher, A.) Digitizing Patterns of Power – Cartographic Communication for Digital Humanities. Proc. Int. Cartogr. Assoc., 1, 62, (<https://doi.org/10.5194/ica-proc-1-62-2018>), 2018.
- 2019
  - (together with Zenkl, G.) 5 Jahre (inter)nationale Informationsplattform LAWIS – eine Erfolgsgeschichte? 3. Lawinen Symposium Graz 2019, Graz, Austria, 2019-10-12, In: Naturfreunde Österreich, Referat Skitouren, Tagungsband des 3. internationalen Lawinensymposiums Graz 2019, S. 86-89; ISBN: 978-3-200-06515-4
  - (together with Hajek, B.) Topographic Maps Based on OpenStreetMap Data – Optimising Depiction of Water Streams. In: Proceedings of the 11th ICA Mountain Cartography Workshop, International Cartographic Association, Hvar 2018, Croatia. P. 29-36; ISBN 978-953-6082-24-7
  - (together with Neugebauer, L.) Topographic Maps and Weather Information for Avalanche Prevention in Remote Mountainous Areas Utilizing a Collaborative-Participatory Approach. In: Proceedings of the 11th ICA Mountain Cartography Workshop, International Cartographic Association, Hvar 2018, Croatia. P. 57-64; ISBN 978-953-6082-24-7
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- 2020
  - (together with Breier, M., Mertel, A. and Pucher, A.) Digitising Patterns of Power - An Interactive Map-Based Application to Represent Historical Landscapes. digital humanities austria 2018, ISBN-13 Online: 978-3-7001-8668-7
  - (together with Hazod, G.) The Burial Mound Sites of Imperial Central Tibet. Verlag der Österreichischen Akademie der Wissenschaften, ISBN13: 978-3-7001-8561-1 (<https://verlag.oeaw.ac.at/the-burial-mound-sits-of-imperial-central-tibet>)