

## Curriculum Vitae

[CV max. 2 pages, complete publication list  
and eventually complete list of the other categories in the annex]



### Personal data

<i>Name, first name</i>	Buchecker, Matthias
<i>Title</i>	Dr.
<i>Date / place of birth</i>	22.06.1961, Basel
<i>Nationality</i>	Swiss
<i>Address (office)</i>	Swiss Federal Research Institute WSL, Zürcherstrasse 111, CH-8903 Birmensdorf, Switzerland
<i>Email</i>	matthias.buchecker@wsl.ch
<i>Homepage</i>	<a href="http://www.wsl.ch/en/employees/buchecke.html">www.wsl.ch/en/employees/buchecke.html</a>

### Professional and Research Interests

People-place relationships, environmental sociology, public participation, outdoor recreation behaviour, risk perception, social learning

### Education (start with professional training)

2020	<b>CAS Leadership in Science</b>
1999	<b>PhD</b> in Human Geography (Dr. phil. nat.); University of Berne. Thesis: “Landscape as living space of local residents: Sustainable landscape development through need-satisfaction, participation and identification”
1990	<b>Diploma</b> in Geography and Chemistry, University of Berne. Thesis: Storage dynamics of mountain rivers.

### Work Experience (academic and implementation)

Since 2016	<b>Senior Researcher</b> in the Research Group “Social Science in Landscape Research” (WSL Research Institute)
Since 2007	<b>Project leader</b> in the Research Group “Social Science in Landscape Research” (WSL Research Institute)
1999-2006	<b>Deputy-Head of Section</b> “Landscape and Society” (WSL Research Institute)
1998-1999	<b>Scientific Collaborator</b> in Department “Landscape Ecology” (WSL Research Institute)
1992-1994	<b>Collaborator and joint-owner</b> of the consultant firm “Pan” for forest and landscape management in Berne
1991-1992	<b>Scientific Assistant</b> in “Laboratory of Hydraulics, Hydrology and Glaciology” (ETH)

## Awards

Since 2020	<b>Member of the Plenum of SCNAT Forum Landschaft Alpen Pärke</b>
Since 2011	<b>Member of the Editorial Board</b> of the journal “Naturschutz und Landschaftsplanung”

## Grants obtained (list of projects) (PI and non-PI)

<u>Amount</u>	<u>Funding Agency</u>	<u>Title</u>
CHF 22'000	WSL Draught 2018 initiative	<b>PI:</b> Perception of the draught 2018 the Swiss residents
CHF 230'000	Prevention Foundation (Swiss Building Insurance)/WSL	<b>PI:</b> Integrated risk and resource management as a strategy to cope with climate change impacts in Alpine regions
CHF 225'000	SERI/COST Action RELY	<b>PI:</b> Mapping place meanings as a tool for participatory planning of renewable energy projects
CHF 180'000	FOEN/River Restoration Foundation	<b>PI:</b> River restorations in the Swiss media
CHF 250'000	SNF	<b>PI:</b> Analyzing the contribution of deliberative planning in risk management to social learning
CHF 380'000	7 <sup>th</sup> EU-Framework Programme	<b>PI:</b> Swiss Partner Team: Knowledge-based approach to develop a culture of risk prevention (KULTURisk)
CHF 220'000	7 <sup>th</sup> EU-Framework Programme	<b>PI:</b> Swiss Partner Team and WP Leader: Social Capacity Building for Natural Hazards (CapHaz-Net)
CHF 150'000	FOEN/Forest Department	<b>PI:</b> Developing a GIS-based model of nearby outdoor recreation
CHF 250'000	ETH/CCES	<b>PI:</b> Effects of participatory processes on the success of ecological enhancement processes of Project “Enhancing ecosystem connectivity through intervention” (ENHANCE)
CHF 490'000	WSL/Program Periurban Environments	<b>PI:</b> Requirements for quality of life and consensus building
CHF 180'000	SERI/COST Action FOREC	<b>PI:</b> Determining nearby outdoor recreation use in per-urban regions
CHF 210'000	6 <sup>th</sup> EU-Framework Programme	<b>PI:</b> Perception of natural hazards in the project “Predicting impacts on natural ecotones” (PINE)
CHF 280'000	BUWAL/BWG/EAWAG/WSL	<b>PI</b> of sub-project: Determining public attitudes towards river revitalizations of project “Developing a locally adapted decision support for river revitalizations”

CHF 370'000	SNF/NFP48	<b>Co-PI:</b> Objectives and conflicts regarding Alpine landscape developments
CHF 100'000	BUWAL/Swiss Landscape Foundation	<b>PI:</b> Participatory landscape development

**Publication record** (h-index at least Web of Science [all other indexes optional], number of citations/publications) [Please state max. the 10 most important productions]

	h-index	Number of citations	publications
Web of Science	15	651	30

**Buchecker, M.** and J. Frick. (in print): The implications of urbanization for inhabitants' relationship to their residential environment. Sustainability.

Morelle, K., **Buchecker, M.**, Kienast, F., Tobias, S. (in print): Nearby outdoor recreation modelling: An agent-based approach. Urban Forestry & Urban Greening.

**Buchecker, M.**, Ogasa, D., Maidl, E. (2016): How well do the wider public accept integrated flood risk management? An empirical study in two Swiss Alpine valleys. Environmental Science & Policy, 309-317.

**Buchecker M.** and B. Degenhardt. (2015): The effects of urban inhabitants' nearby outdoor recreation on their well-being and their psychological resilience. Journal of outdoor Recreation and Tourism 10: 55-62.

**Buchecker, M.**, S. Menzel, Home, R. (2013): How much does participatory flood management contribute to stakeholders' social capacity building? Empirical findings based on a triangulation of three evaluation approaches." Natural Hazards and Earth System Sciences 13(6):1427-44.

Degenhardt, B.; **Buchecker, M.** (2012): Exploring the self-regulation in nearby nature. Determinants, patterns and a framework of nearby outdoor recreation behaviour. Leisure Sciences 34: 350-369.

Höppner, C., R. Whittle, Brundl, M.; **Buchecker, M.** (2012): Linking social capacities and risk communication in Europe: a gap between theory and practice? Natural Hazards, 64, 2, 1753-78.

Kienast, F., Degenhardt, B., Weilemann, B., Wäger, Y.; **Buchecker, M.** (2012): GIS-assisted mapping of landscape suitability for nearby recreation. Landscape and Urban Planning 105: 385-399.

**Buchecker, M.**, Meier, Ch., Hunziker, M. (2010): Measuring the effect of consensus building processes with methods of intervention research. Regional Planning Studies 18(2): 259-280.

**Buchecker, M.** (2009): Withdrawal from the local public place: understanding the process of spatial alienation. Landscape Research, Vol. 34, No. 3, 279-297.

Junker, B., **Buchecker, M.** (2008): Aesthetic preferences versus ecological objectives in river restorations. Landscape and Urban Planning, 85, 3/4, 141-154.

**Teaching** (PhD, Master, Bachelor etc.)

2013	Risk perception and risk communication. Lecture at the Summer School “Flood risk reduction” at the Water Education Institute in Delft (4 hours)
2004-2008	Contributions to the lecture “humans and landscapes” at the Institute of Geography of the University of Zürich (4 hours)
2002-2003	Contributions to the lecture “sociology for environmental scientists” at ETH Zürich (4 hours)

#### **Supervision of PhD theses (academic main lead)**

2018-	Integrated risk and resource management as a strategy to cope with climate change impacts in Alpine regions (Theresa Ertl)
2016-	Mapping meaningful places as a tool for participatory planning of renewable energy projects (Stefanie Müller)
2014-2018	Analysing the contributions of deliberative planning in risk management to social learning (Raphael Gaus)
2013-2017	Social capacity building in risk management (Elisabeth Maidl)
2006-2009	Determinants of nearby outdoor recreation (Barbara Degenhardt)
2005-2008	Social perspectives on river restoration (Berit Junker)
2004-2008	Perceptions of natural hazards in the context of social, cultural, economic and political risks (Christine Jurt)
2003-2007	Perceiving the Swiss Alpine Landscape (Susanne Kianicka)

#### **Supervision of MSc theses (academic main lead)**

2018-19	The diffusion of social learning to the wider public (Marius Fankhauser)
2014-15	Nearby outdoor recreation in suburban settings: Investigation of the nearby outdoor recreation use around the Glattpark in the municipality of Opfikon
2012-13	Perception and social acceptance of photovoltaic installations (Annina Michel)
2012-13	Energy strategy 2050: Without acceptance no implementation (Kathrin Brugger)
2012	Perception and appraisal of the risk management of hydrological hazards in the Swiss Alps (Dominika Ogasa)
2010	The cultural heritage of the Walser: How is the built heritage perceived and represented for tourism? (Manuel Bamert)
2005-6	Summer farms in Grisons: An element of cultural heritage between preservation and further development (Linda Knab)
2004-5	The acceptance of the beaver and the extension of its coverage in the Canton of Thurgau (Franziska Meyer)

#### **Selected professional activities (academic and implementation)**

**Commissions / committees / working group lead**

2020-2022	<b>Member of Advisory Board</b> of project “Strategic Climatic Change Conflict Solutions” submitted in Austrian Climate Research Programme (ACRP)
2018	<b>Member of Defence Committee</b> at University of Delft
2014-2018	<b>Member of Steering Committee</b> and <b>Working Group Leader</b> of COST Action Renewable Energy and Landscape Quality (RELY)
2009-2011	<b>Leader of Working Group</b> Risk Communication in EU 7 <sup>th</sup> Framework Programme project CapHaz-Net
2002-2006	<b>Leader of Module</b> Landscape-related requirements and land use negotiations of the WSL Programme “Landscape in Urban Environments”
	<b>Editorial activities</b>
2017-18	<b>Member of Editorial Board</b> of COST Action RELY book
2016-17	<b>External reviewer of the editorial project</b> “River restoration” by Wiley
2012-13	<b>Editor of Special Issue</b> Cooperation and Participation in the journal “Naturschutz und Landschaftsplanung”
2011-	<b>Member of Editorial Board</b> of journal “Naturschutz und Landschaftsplanung”
2006-08	<b>Editor of the Program Synthesis</b> “Social requirements for the residential environment” of the WSL Programme “Landscape in Urban Environments”

### Selected other activities

	<b>Workshops, conferences</b>
2019	Session “Social theory and landscape ecology” at IALE Conference in Milan, Italy. Co-organizer.
2018	Session “Renewable Energy and Landscape Quality” at PECSRL Conference in Clermont-Ferrand, France. Co-organizer
2017	International Workshop “Place Attachment” at ETH Zürich, Switzerland, funded by SNF, SAGUF and WSL. Co-organizer together with Ch. Raymond and T. von Wirth
2017	Session “Integrated Water Landscape Management” at IALE Conference in Ghent, Belgium. Co-organizer
2015	Workshop “Natural Hazard Preparedness” at ETH Zürich, Switzerland. Organizer.
2010	Workshop “Social Science in Natural Hazard Research” at ETH Zürich, Switzerland. Organizer.
2006	Practice Workshop “Requirements for residential environment” at WSL, Switzerland. Organizer
2005	Public Workshop “Risks in a mountain municipality” in Stilfs, Italy. Co-organizer.
2004	Public Workshop “Future landscape development” in Alvaneu and Savognin, Switzerland. Co-organizer.
2004	Practice Workshop “The beaver: symbol or disturber?” in Frauenfeld, Switzerland. Co-organizer.

### **External reviewer for funding bodies and of projects**

2017	Slovenian Research Agency, Evaluation of research programmes
2016	Mercator Research Program, Evaluation of research proposal
2016	Slovenian Research Academy, Evaluation of research proposals
2009	External reviewer of Strategic River Management Concept “Kander 2050”
2008	External reviewer of Doctoral School “Sustainable Development” at BOKU, Vienna.

### **Key notes and invited talks**

2020	Risk awareness and risk preparedness of the Swiss population – Social science findings on natural hazard management. Natural Hazard Conference of BAFU in Olten.
2019	“Success in participatory integrated resource management: insights from the evaluation of a pilot project.” Presentation at the General Assembly of Interdisciplinary Center for Mountain Research, University of Lausanne.
2019	“Media analysis of river restoration in Switzerland in the period 2000-2013”. Presentation at Swiss River Meeting, EAWAG, Dübendorf.
2017	“Which role plays the cultural background in nearby outdoor recreation?”. Presentation at the Workshop “Recreation areas” at HSR, Rapperswil.
2017	“The acceptance of solar panel sites in an Alpine tourism region”. Presentation at the Energy Talks Disentis, Disentis.
2015	“Nearby outdoor recreation areas in peri-urban regions: requirements and actual use”. Presentation at the Federal Agency Leaders’ conference “Noise”, Olten.
2015	“Evaluating participatory processes for natural hazard risk and resource management in Switzerland”. Presentation in the seminary of the Climate Policy Group of ETH, Zürich.
2014	“Nearby outdoor recreation behavior in Switzerland: Driven by supply or demand?” Colloquium of the Department Landscape and Nature of the Canton of Zürich, Zürich.
2011	“Rationales and effects of stakeholder involvement in river management”. Presentation at the seminary “Environments aquatiques”, Lyon.
2010	“Risk communication on natural hazards: towards a new framework”. Presentation at AFPCN Meeting, Paris.
2009	“Risk perception and its impacts for risk communication and risk management.” Presentation at International Workshop “Adapting Upland Ecosystems to Climate Change”, University of Cumbria, Penrith.
2008	“Human habitat requirements and their implementation in planning”. Presentation at the WSL-Forum for Knowledge “Urban environments for humans and nature”, Birmensdorf.
2007	“Nearby outdoor recreation models for periurban regions”. Presentation at the taf (working group leisure and recreation in forests)-Seminar in Freiburg.

2006-	“Participation – also valuable for decision making in the domain of natural hazard management?” Presentation at the Symposium “Climate change / natural hazards” in Neukirch (Austria).
2005	“Consensus-based development of Alpine landscapes”. Presentation at the VLP-conference “Chance for the Alpine space” in Goldau.
	<b>External journal reviewer (last five years)</b>
2019	International Journal of Disaster Risk Reduction; Landscape Research
2018	Landscape and Urban Planning; MRD Journal; Journal of Environmental Psychology (2 articles); Naturschutz und Landschaftsplanung (2 articles); International Journal of River Basin Management; Umweltpsychologie
2017	Ecosystem Services; International Journal of River Basin Management; Journal of Environmental Planning and Management; Ecological Economics;
2016	Energy Policy; Sustainable Cities and Society; Urban Forestry; Landscape Research
2015	Landscape and Urban Planning (2 articles); Environmental Conservation; International Journal of Disaster Risk Reduction; Forum für Wissen; Urban Forestry and Urban Greening (2 articles); Landscape Research
2014	Landscape Research; Journal of Outdoor Recreation and Tourism; Landscape and Urban Planning; MRD Journal; Landscape Research

## Publications

### *ISI*

**Buchecker, M.** and J. Frick. (in print): The implications of urbanization for inhabitants' relationship to their residential environment. Sustainability.

Morelle, K., **Buchecker, M.**, Kienast, F., Tobias, S. (in print): Nearby outdoor recreation modelling: An agent-based approach. Urban Forestry & Urban Greening.

Garcia, X., Benages-Albert, M., **Buchecker, M.**, Vall-Casas, P. (2019): River rehabilitation: preference factors and public participation implications. Journal of Environmental Planning and Management, 2019 <https://doi.org/10.1080/09640568.2019.1680353>.

Verbrugge, L., **Buchecker, M.**, Garcia, X., Gottwald, S., Mueller, S., Praestholm, S., Anton Stahl, O. (2019): Integrating sense of place in planning and management of multifunctional river landscapes: experiences from five European case studies. Sustainability Sciences 14(3): 669-680.

Navratil, J., Picha, K., **Buchecker, M.**; Martinat, S.; Svec, R.; Brezinova, M.; Knotek, J. (2019): Visitors' preferences of energy options in "green" hotels. Renewable Energy 138: 1065-1077.

Maidl, E. and **Buchecker, M.** (2019): Social representations of natural hazard risk in Swiss mountain regions. Geosciences 9: 1-30. doi:10.3390/geosciences9010002

Di Masso, A., Williams, D.R., Raymond, Ch., **Buchecker, M.**, Degenhardt, B., Devine-Wright, P., Hertzog, A., Lewicka, M., Manzo, L.C., Shahrad, A., Stedman, R., Verbrugge, L.; von Wirth, T. (2019): Between fixities and flows: Navigating place attachments in an increasingly mobile world. Journal of Environmental Psychology 61: 125-133.

Suškevičs, M., Eiter, S., Martinat, S., Stober, D., Vollmer, E., de Boer, C.; **Buchecker, M.** (2019): Regional variation in public acceptance of wind energy development in Europe: What are the roles of planning procedures and participation? Land Use Policy 81: 311-323.

Kienast, F., **Buchecker, M.**, Hunziker, M. (2018): Generating meaningful landscapes for globalized mobile societies: pushing an international research agenda forward. Landscape Ecology 33: 1669-1676.

Bamert, M., Ströbele, M. and **Buchecker, M.** (2016): Ramsackle farmhouses, useless old stalls, or irreplaceable cultural heritage? Local inhabitants' perspectives on future uses of the Walser built heritage. Land use policy 55: 121-129.

**Buchecker, M.**, Ogasa, D., Maidl, E. (2016): How well do the wider public accept integrated flood risk management? An empirical study in two Swiss Alpine valleys. Environmental Science & Policy, 309-317.

**Buchecker M.** and B. Degenhardt. (2015): The effects of urban inhabitants' nearby outdoor recreation on their well-being and their psychological resilience. Journal of outdoor Recreation and Tourism 10: 55-62.

Michel, A. H., **Buchecker, M.**, Backhaus, N. (2015): Renewable Energy, Authenticity, and Tourism: Social Acceptance of Photovoltaic Installations in a Swiss Alpine Region. Mountain Research and Development 35(2):161-70.

Maidl, E.; **Buchecker, M.** (2015): Raising risk preparedness by flood risk communication, Nat. Hazards Earth Syst. Sci., 15, 1577–1595.

Tobias.S., Buser, T.; **Buchecker. M.** (2015): Does real-time visualisation support local stakeholders in developing landscape visions? Environment and Planning A 47: 1-14.

**Buchecker, M.**, Salvini, G, Di Baldassarre, G. Semenzin. E., Maidl, E.; Marcomini, A. (2013): The role of risk perception in making flood risk management more effective. Nat. Hazards Earth Syst. Sci., 13, 1–17, 2013 [www.nat-hazards-earth-syst-sci.net/13/1/2013/](http://www.nat-hazards-earth-syst-sci.net/13/1/2013/)



doi:10.5194/nhess-13-1

**Buchecker, M.**, S. Menzel, Home, R. (2013): How much does participatory flood management contribute to stakeholders' social capacity building? Empirical findings based on a triangulation of three evaluation approaches." *Natural Hazards and Earth System Sciences* 13(6):1427-44.

Menzel, S., Schultz, T.; **Buchecker, M.** (2013): Forming social capital: Does participatory planning foster trust in institutions? *Journal of Environmental Management* 131: 351-362.

Menzel S.; **Buchecker, M.** (2013): Does participatory planning foster the transformation toward more adaptive socio-ecological systems? *Ecology and Society*. 18, 1, 13.  
[dx.doi.org/10.5751/ES-05154-180113](https://doi.org/10.5751/ES-05154-180113)

Degenhardt, B.; **Buchecker, M.** (2012): Exploring the self-regulation in nearby nature. Determinants, patterns and a framework of nearby outdoor recreation behaviour. *Leisure Sciences* 34: 350-369.

Höppner, C., R. Whittle, Brundl, M.; **Buchecker, M.** (2012): Linking social capacities and risk communication in Europe: a gap between theory and practice? *Natural Hazards*, 64, 2, 1753-78.

Kienast, F., Degenhardt, B., Weilemann, B., Wäger, Y.; **Buchecker, M.** (2012): GIS-assisted mapping of landscape suitability for nearby recreation. *Landscape and Urban Planning* 105: 385-399.

Menzel, S., Nordström, E.-M., **Buchecker, M.**, Marques, A., Saarikoski, H.; Kangas, A. (2012): Decision support systems in forest management – Requirements for a participatory planning perspective. *European Journal of Forest Research*.

Degenhardt, B., Frick, J., Gutscher, H.; **Buchecker, M.** (2011): Influence of personal, social, and environmental factors on workday use frequency of the nearby outdoor recreation areas by working people. *Leisure Sciences*, 33:5, 420-440.

Kuhlicke, Ch., Steinführer, A., Begg, C., Bianchizza, Ch., Bründl, M., **Buchecker, M.**, De Marchi, B., Di Masso Tarditti, M., Höppner, C., Komac, B., Lemkow, L., Luther, J., McCarthy, S., Pellizzoni, L., Renn, O., Scolobig, A., Supramaniam, M., Tapsell, S., Wachinger, G., Walker, G., Whittle, R., Zorn, M.; Faulkner, H. (2011). Perspectives on social capacity building for natural hazards: outlining an emerging field of research and practice in Europe. *Environmental Science & Policy* 14: 804-814.

**Buchecker, M.**, Meier, Ch., Hunziker, M. (2010): Measuring the effect of consensus building processes with methods of intervention research. *Regional Planning Studies* 18(2): 259-280.

Kianicka S., Knab L.; **Buchecker, M.** (2010): Maiensäss – Swiss Alpine summer farms – an element of cultural heritage between conservation and further development: a qualitative study. *International Journal of Heritage Studies*, Vol. 16, No. 6, 486-507.

**Buchecker, M.** (2009): Withdrawal from the local public place: understanding the process of spatial alienation. *Landscape Research*, Vol. 34, No. 3, 279–297.

Höppner, C., **Buchecker, M.**; Frick, J. (2008): What drives people's willingness to discuss local landscape development? *Landscape Research*, 33:5, 605-622.

Hunziker, M., Felber, P., Gehring, K., **Buchecker, M.**; Kienast, F. (2008): Evaluation of landscape change by different societal groups. Results of two empirical studies in Switzerland. *Mountain Research and Development*, Vol. 28, No. 2: 140-147.

Junker, B., **Buchecker, M.** (2008): Aesthetic preferences versus ecological objectives in river restorations. *Landscape and Urban Planning*, 85, 3/4, 141-154.

Höppner, C., Frick, J.; **Buchecker, M.** (2007): Assessing psycho-social effects of participatory landscape planning. *Landscape and Urban Planning* 83, 2/3, 196-207.

Junker, B., **Buchecker, M.**; Müller-Böker, U. (2007): Objectives of public participation: Which actors should be involved in the decision making for river restorations. *Water resources research*, Vol. 43 (10), 1-11.

Kianicka S., **Buchecker M.**, Hunziker M.; Müller-Böker, U. (2006): Locals' and

tourists' sense of place: a case study in a Swiss Alpine village. *Journal of Mountain Research and Development*, Vol. 26, No. 1, pp. 55-63.

**Buchecker, M.** (2005): Public place as a resource of social interaction. In: Phil Turner and Elisabeth Davenport (Eds.), *Spaces, Spaciality and Technology*, Series: The Kluwer International Series on Computer Supported Cooperative Work, Vol. 5., Springer-Verlag, Heidelberg. S. 79-96.

Höppner, C., Frick, J., **Buchecker, M.**; Elsasser, H. (2005): Evaluating a new participatory planning approach for sustainable landscape development in Switzerland – Participatory techniques and social effects of Landscape Development Concepts (LDC). In C.A. Brebbia, A. Kungolos and E. Beriatos (Eds.) *Sustainable Development and Planning II*. Ashurst, UK: WIT Press, pp 1329-1341.

**Buchecker, M.**, Hunziker, M.; Kienast F. (2003): Participatory Landscape Development – Overcoming Social Barriers to Public Involvement. *Landscape and Urban Planning*, 64, 29-46.

### ISI in progress

Gaus, R., **Buchecker, M.**; Grêt-Regamey, A. (in revision): Actors' perspectives on issues to be solved in integrated watershed management: exploring a practical tool for an effective and efficient elicitation based on a mental model approach. *International Journal on Landscape Management*.

Maidl, E. and **Buchecker, M.** (in revision): Local hazard consultants in Switzerland - an innovative social learning element. *Land use policy*.

Maidl, E.; Bresch, D.; **Buchecker, M.** (submitted): Culture matters: Factors influencing natural hazard risk preparedness – a survey of Swiss households. *Nat. Hazards Earth Syst. Sci.*.

Mueller, S., Backhaus, N., **Buchecker, M.** (accepted): Mapping meaningful places: A tool for participatory siting of wind turbines in Switzerland?

Stober, D., Suskevic, M., Eiter, S., Martinat, S., Mueller, S., **Buchecker, M.** (submitted): What is the state of participatory renewable energy planning in different European regions? A comparative analysis of 25 case studies. *Energy Research and Social Science*.

### Peer-reviewed non-ISI / Book chapters

Weber, M., Müller, S. und **Buchecker, M.** (2020): Lokale Umsetzung der Energiewende in der Schweiz. *Naturschutz und Landschaftsplanung* 52(1): 16-23.

**Buchecker, M.**; Junker, B. (2013): Was ist der Mehrwert von partizipativen Planung von Flussrevitalisierungen? *NUL* 45, 10/11: 227-334.

Mühlmann, P.; **Buchecker, M.** (2013): Aktive Partizipation – Bürger als Freiwillige in der Landschaftspflege. *NuL* 45 (10/11), 2013, 307-314

**Buchecker, M.** (2010): Social functions and benefits of agricultural landscapes. In: Gloria Punghetti and Alexandra Kruse, *European culture expressed in agricultural landscapes*, Piombi editori, Roma. S. 60-65.

Degenhardt, B., Kienast, F.; **Buchecker, M.** (2010): Einflussfaktoren des Naherholungsverhaltens im periurbanen Raum. *Schweizerische Zeitschrift für Forstwesen*, 161 (3), 75-80.

**Buchecker, M.**, Kianicka, S.; Junker, B. (2007): Value systems: drivers of human-landscape interactions. In: F. Kienast, S. Ghosh and O. Wildi (Eds.). *A changing world: challenges for landscape research*. Landscape Series, Springer. S. 7-27.

Duelli, P., Baur, P., **Buchecker, M.**, Gugerli F., Holderegger R.; Wohlgemuth T. (2007): The role of values for landscape research. In: F. Kienast, S. Ghosh and O. Wildi (Eds.). A changing world: challenges for landscape research. Landscape Series, Springer. S. 27-35.

Frick, J., Degenhardt, B., **Buchecker, M.** (2007). Predicting local residents' use of nearby outdoor recreation areas through quality perceptions and recreational expectations. Forest, Snow and Landscape Research, 81(1/2), 31-41.

Hunziker, M., **Buchecker, M.**; Hartig, T. (2007): Space and Place – two aspects of the human-landscape relationship. In: F. Kienast, S. Ghosh and O. Wildi (Eds.). A changing world: challenges for landscape research. Landscape Series, Springer. S. 47-63.

Junker, B., **Buchecker, M.** (2007): Social science contributions to the participatory planning of water systems – results from Swiss case studies. In: Castelletti, A. and Soncini Sessa, R. (eds.) Topics on system analysis and integrated water resources management, Elsevier, Oxford. Pp. 243-255

**Buchecker, M.**; Hunziker, M. (2006): What is the effect of consensus building processes on local collaboration? In: Agronomical Economics Review, Vol.7, No 1, pp.72-83.

Kianicka, S.; **Buchecker, M.** (2006): The experience of authenticity in the Swiss Alpine landscape – ‘outside’ and ‘inside’ gazes. In: Wim van der Knaap and Arnold van der Valk (eds.), Multiple Landscape: Merging past and present, Ponsen & Looijen bv, Wageningen. S. 113-125.

Pfefferkorn, W., Golobič, M., Zaugg-Stern, M.; **Buchecker, M.** (2006): New forms of decision making. Issue 5 of the CIPRA report Future in the Alps. Schaan.

[www.cipra.org/en/future-in-the-alps/questions](http://www.cipra.org/en/future-in-the-alps/questions)

**Buchecker, M.**; Berz, T. (2004): Erneuerung lokaler Spielräume. Mitgestaltung als Instrument einer nachhaltigen Raumentwicklung in peri-urbanen Regionen. - Raumforsch. Raumordn. 62, 6: 397-406.

### *Books / Monographs*

Roth, M., Eiter, S., Röhner, S., Kruse, A., Schmitz, S., Frantal, B., Centeri, C., Frovola, M., **Buchecker, M.**, Stober, D., Karan, I., and D. van der Horst (Eds.). (2018): Renewable Energy and Landscape. Berlin, Jovis.

**Buchecker, M.**, Jedicke, E.; Metzner, J., (Eds.) (2013): Themenheft „Kooperation und Partizipation. NUL 45, 10/11: 293-352.

**Buchecker, M.**, Frick, J.; Tobias, S. (2008): Gesellschaftliche Ansprüche an den Lebens- und Erholungsraum. Eine praxisorientierte Synthese der Erkenntnisse aus zwei Forschungsprogrammen. Birmensdorf, Eidg. Forschungsanstalt WSL. 84 S.

Junker, B. und **Buchecker, M.**, 2008: Sozialverträgliche Flussrevitalisierungen. Ein Leitfaden. Birmensdorf, Eidg. Forschungsanstalt für Wald, Schnee und Landschaft WSL. 58 S.

Hostmann M., **Buchecker M.**, Ejderyan O., Geiser U., Junker B., Schweizer S., Truffer B. & Zaugg Stern M. 2005. Wasserbauprojekte gemeinsam planen. Handbuch für die Partizipation und Entscheidungsfindung bei Wasserbauprojekten. Eawag, WSL, LCH-EPFL, VAW-ETHZ. 48 pp.

**Buchecker, M.** und Schultz, B. (2000): Lebendiges Dorf, lebendiges Quartier. Wie Bewohnerinnen und Bewohner die Entwicklung mitgestalten. Ein Leitfaden. WSL Publikation, Sonderformat.

**Buchecker, M.** (1999): Landschaft als Lebensraum der Bevölkerung – Nachhaltige Landschaftsentwicklung durch Bedürfniserfüllung, Partizipation und Identifikation. Dissertation an der Universität Bern.

Bellwald W., **Buchecker M.**, Conzetti M. & Maurer M. (1997): Kulturweg Lötschental – Gestern - Heute - Morgen. Reihe Ott-SpezialWanderführer. Ott-Verlag, Thun.

*Other publications (e.g. implementation)*

Degenhardt, B., Kienast, F., **Buchecker, M.** (In print): Welche Anspruchsgruppen sollten in der Erholungsplanung berücksichtigt werden? N+L-Inside.

**Buchecker, M.** and Stober, D. (2018): Socio-cultural aspects of renewable energy production. In: Roth et al. (Eds.), Renewable Energy and Landscape, Berlin, Jovis: 174-211.

**Buchecker, M.**, Eiter, S., Stober, D., Suškevičs, M., de Boer, Ch., Jongejan, B. (2018): Toolbox for effective renewable energy planning. In: Roth et al. (Eds.), Renewable Energy and Landscape, Berlin, Jovis: 200-211.

Stober, D., **Buchecker, M.**, Jongejan, B., Eiter, S., Suškevičs, M., Martinat, S., Kuvac, I. (2018): Participatory planning of renewable energy with a focus on best practice. In: Roth et al. (Eds.), Renewable Energy and Landscape, Berlin, Jovis: 185-199.

Suškevičs, M., **Buchecker, M.**, Eiter, Stober, D., Kuvac, I., Jongejan, B., Martinat, S., de Boer, C. (2018): Public acceptance of renewable energy projects: A focus on wind energy. In: Roth et al. (Eds.), Renewable Energy and Landscape, Berlin, Jovis: 179-184.

**Buchecker, M.**, Michel, A. (2017): Passen Solaranlagen in den alpinen Raum? GeoAgenda 5: 24-28.

Müller, S., **Buchecker, M.**, Gaus, R., Buser, T., Bestel, M., Hackl, S., Bächli, D., Kräuchi, N. (2017): Wie soll die Wigger in der Region Zofingen in der Zukunft gestaltet werden? Sozialräumliche Optimierung des planerischen Leitbilds durch eine Bevölkerungsbefragung. Wasser Energie Luft, Heft 3: 181-189.

Zimmermann, V., Zemp, H., Kräuchi, N., **Buchecker, M.** (2017): Gewässerraum als politischer Zankapfel: Eine Medienanalyse der Berichterstattung zum Gewässerraum in den Kantonen Aargau, Bern und Wallis. Wasser Energie Luft, Heft 3: 173-179.

Bögli, S., Kienast, F., **Buchecker, M.** (2016). Welchen Stellenwert haben Gewässer bei der Naherholung? Eine Untersuchung der Naherholungsnutzung im periurbanen Raum Opfikon. Wasser, Energie Luft, Heft 4: 303-307.

**Buchecker, M.**, Hohmann, M., Kienast, F., Degenhardt, B., Hunziker, M., Wotruba, L. (2016): Erholungsgebiete per Mausclick: Eine neue Web-Applikation / Application Web: Des aires de loisirs à portée de clic. N+L-Inside 3/16:17.

Maidl, E., Wiederkehr, B., **Buchecker, M.** (2016): Erlebnisbericht über die Bevölkerungsbefragung «Leben mit Naturgefahren». WSL Berichte, Heft 40. 89 S.

Maidl, E., Andres, N., Badoux, A., **Buchecker, M.** (2016): Leben mit Naturgefahren: Welche Faktoren beeinflussen die individuelle Vorsorge der Schweizer Bevölkerung? Wasser Energie Luft, Heft 4: 297-302.

Zemp, H., **Buchecker, M.** (2016): Expertenbericht «Medienanalyse zur Renaturierung/Revitalisierung der Gewässer der Schweiz. Analysen, Evaluation, Handlungsbedarf und Massnahmen. Birmensdorf: Eidg. Forschungsanstalt WSL. 114 S.

Zemp, H., **Buchecker, M.** (2015): Die Renaturierung und Revitalisierung von Fliessgewässern als Thema der Medien in eher alpinen ländlichen Regionen der Schweiz (2000-2013). Eine Medienanalyse im Rahmen einer Forschungs Kooperation mit dem Renaturierungsfonds des Kantons Bern. Heft 36, 59 S..

Hunziker, M., Michel, A., **Buchecker, M.** (2014): Landschaftsveränderungen durch erneuerbare Energien aus Sicht der Bevölkerung. Forum für Wissen, Heft 21, 43-50.

- Buchecker, M.**, Kienast, F., Degenhardt, B., Widmer, S., Moritzi, M. (2013): Naherholung räumlich erfassen. WSL-Merkblatt für die Praxis 51: 1-8.
- Graf, C. und **Buchecker, M.** (2013): Photovoltaikanlagen an Lawinenverbauungen – Wahrnehmung und Akzeptanz verschiedener Bevölkerungsgruppen. Wasser Energie Luft 105, 3: 231-235.
- Maidl, E., **Buchecker, M.** (2013): Hochwasserschutz in der Stadt Zürich. Eine empirische Studie zur Risikokommunikation. WSL-Berichte, Heft 1, 81 S.
- Maidl, E., Graf, C. und **Buchecker, M.** (2013): Umsetzung von Gefahrenkarten: Ein Beispiel aus der Praxis. Wasser Energie Luft, Heft 4, 302-306.
- Buchecker, M.**, Degenhardt, B., Kienast, F. (2012): Was für Muster finden sich im Naherholungsverhalten der Schweizer? Grundlagen für ein Stiefkind der Planung. Informationsblatt Landschaft 86, 1-5.
- Maidl, E. und **Buchecker, M.** (2012): Das nächste Hochwasser kommt bestimmt. Evaluation einer Informationskampagne zur Umsetzung der Gefahrenkarte in der Stadt Zürich. Wasser Energie Luft, Heft 4, 289-295.
- Tyrväinen, L., **Buchecker, M.**, Degenhardt, B., Vuletic, D. (2009): Evaluating the economic and social benefits of forest recreation and nature tourism. In: Simon Bell, Murray Simpson, Liisa Tyrväinen, Tuija Sievänen and Ulrike Pröbstl, European Forest Recreation and Tourism, Taylor and Francis. S. 35-64.
- Höppner, C., **Buchecker, M.**, Bründl, M. (2010): Risk communication and natural hazards. CapHaz-Net WP5 report. Swiss Federal Research Institute WSL. (available at: [http://caphaznet.org/outcomes-results/CapHaz-Net\\_WP5\\_Risk-Communication.pdf](http://caphaznet.org/outcomes-results/CapHaz-Net_WP5_Risk-Communication.pdf)).
- Irgartinger, Ch., Degenhardt, B., **Buchecker, M.** (2010): Naherholungsverhalten und –ansprüche in Schweizer Agglomerationen. Ergebnisse einer Befragung der St. Galler Bevölkerung. Bericht. Birmensdorf: Eidg. Forschungsanstalt WSL.
- Buchecker, M.** (2008): Welche Ansprüche hat die Bevölkerung an ihre Wohnumgebung? Inhaltliche und prozedurale Voraussetzungen für eine bedürfnisgerechte Planung. In: *Ballungsräume für Mensch und Natur*. Forum für Wissen. Herausgegeben von S. Tobias. Birmensdorf: WSL. 43-54.
- Hunziker, M., Gehring, K., Kianicka, S., **Buchecker, M.** (2007): Wer will welche Landschaft? Tec21, 45, 1-6.
- Jurt, Ch., **Buchecker, M.**, Egli, M. (2006): Leben in den Alpen: Eine Herausforderung? Die Wahrnehmung von Naturgefahren im Kontext der Gemeindeentwicklung. Schlussbericht. Birmensdorf: Eidg. Forschungsanstalt WSL. 25 S.
- Meier, Ch., **Buchecker, M.** (2005): Sozio-kulturelle Aspekte der Landschaftsentwicklung. Grundlagen für das Projekt Landschaft 2020 des BUWAL. Schriftenreihe Umwelt und natürliche Ressourcen der Hochschule Wädenswil Nr. 1.
- Meyer, F., **Buchecker M.**, Zaugg M. (2005): Sympatieträger oder Störenfried? Akzeptanz und Schutz des Bibers im Spannungsfeld von Naturschutz, Wasserbau, Land- und Forstwirtschaft. Zürich: Druckerei der Zentralstelle der Studentenschaft der Universität Zürich. 26 S..
- Buchecker, M.**, (2003): Gemeinsam Landschaften gestalten. Informationsblatt des Forschungsbereiches Landschaft, Nr. 56, 5-6.
- Buchecker, M.** (2003): Weder Stadt noch Dorf. Urbanisierung verstehen und planerisch neu angehen. Tec21, Nr. 25, 13-17.
- Buchecker, M.**; Hunziker, M.; Kienast, F. (1999): Mit neuen Möglichkeiten der partizipativen Landschaftsentwicklung zu einer Aktualisierung des Allmendgedankens – eine Chance gerade im periurbanen Raum. Forum für Wissen 1999: 13-19.
- Buchecker, M.** (1996): Wie werden Einwohner zu Einheimischen? Informationsblatt des

Forschungsbereiches Landschaftsökologie 30:3.