

WORKING PAPERS

Clivaz, C., Doctor, M., Gessner, S., Matasci, C., Schuckert, M., Siegrist, D., Luthe, T., Wyss, R. (in review): Initiating adaptation to climate change – results from a participatory research project in Switzerland. *Acta Geographica Slovenica*.

Luthe, T., and Wyss, R. (working paper): Network governance and regional resilience to climate change: empirical evidence from mountain tourism communities. Intended for: *Regional Environmental Change*.

Luthe, T., Kägi, T., Reger, J. (working paper): Combining life cycle assessment and virtual simulation in sustainable product design. Intended for: *Journal of Industrial Ecology*.

Luthe, T. (working paper): Social barriers in managing vulnerability to environmental change: evidence from Alpine tourism. Intended for: *Environmental Innovation and Social Transitions*.

Luthe, T. (working paper): Climate change impacts on consumer demand for sustainable winter tourism. Intended for: *Tourism Management*.

Luthe, T. (working paper): Enhancing efficiency and effectiveness of sustainability learning. Intended for: *Ecological Economics*.

REVIEWED JOURNALS

2011

Luthe, T., and Schläpfer, F. (2011): Effects of third-party information on the demand for more sustainable consumption: a choice experiment on the transition of winter tourism. Forthcoming in *Environmental Innovation and Social Transitions*, Volume 1, Issue 4.

2008

Luthe, T.; Jacoby, T.; Roth, R. (2008): Natursport Camps als Medium der Bildung für eine nachhaltige Entwicklung. *Sportpraxis*, Heft 2/2008.

2007

Luthe, T.; Häusler, R. (2007): Der Backcountry Ski. Ganzheitliche Schneesporterlebnisse im Sinne einer Bildung für eine nachhaltige Entwicklung. e&l, erleben und lernen. *Internationale Zeitschrift für handlungsorientiertes Lernen*. Heft 6/ 2007.

Luthe, T.; Häusler, R.; Roth, R. (2007): Die Durchführung alternativer Schneesportausfahrten und deren Nutzung zur Bildung für eine nachhaltige Entwicklung. *Sportunterricht*, Heft Dezember 2007.

Luthe, T.; Roth, R. (2007): Nachhaltiger Wintertourismus im Naturpark Südschwarzwald. *Integra*, Zeitschrift für integrativen Tourismus und Entwicklung. *Respect*, Wien. Ausgabe 2/07.

Luthe, T. (2007). Nachhaltigkeitskommunikation von Skigebieten: Informationsmöglichkeiten für Schneesportler in Zeiten des Globalen Wandels. *FdSnow* 31 2/2007. Fachzeitschrift des Skisports. Planegg.

Luthe, T. (2007): Zur Notwendigkeit und zu Möglichkeiten der Reaktion von Skigebieten auf Umweltveränderungen im Sinne einer nachhaltigen Entwicklung. *FdSnow* 30 1/2007. Fachzeitschrift des Skisports. Planegg.

2006

Luthe, T. (2006): Nachhaltigkeitskommunikation im Skilehrwesen. FdSnow 28 1/2006. Fachzeitschrift des Skisports. Planegg.

CONFERENCE PROCEEDINGS

2010

Luthe, T. (2010): Overcoming social barriers in managing vulnerability of alpine tourism to environmental change. Proceedings of the 2010 Berlin Conference on the Human Dimensions of Global Environmental Change. Environmental Policy Research Centre, Freie Universität Berlin.

2008

Luthe, T., and Roth, R. (2008): Extended vulnerability of ski tourism to global change. Conference proceedings of The Fourth International Conference on Monitoring and Management of Visitor Flows in Recreational and Protected Areas (MMV4), Tuscany, Italy.

2007

Roth, R., and Luthe, T. (2007): Vom Gletscher in Stadt und Halle? Zur Zukunft des Schneesports. In: Sammlung von Statements der Podiumsdiskussion zum 18. Sportwissenschaftlichen Hochschultag Hamburg. Schriftenreihe der Arbeitsgemeinschaft Schneesport an Hochschulen (ash).

Luthe, T., Roth, R., Elsasser, H. (2007): SkiSustain – sustainable management of ski destinations in the context of tourism demand, ski area strategies and global change. In: Borsdorf, A.; Stötter, J. & Veulliet, E. (2008): Conference Proceedings, Managing Alpine Future, Innsbruck University Press.

Luthe, T., and Roth, R. (2007): Indicators and opportunities to benchmark the sustainability performance of ski areas in relation to climate change and customer demand. Proceedings of the 8th OIKOS PhD Summer Academy 2007, University of St.Gallen, Switzerland.

Luthe, T. (2007): Ski for Nature: developing sustainable ski tourism as a tool for nature conservation in Kamchatka, Russia. Proceedings of the Global Ecotourism Conference GEC 2007, Oslo, Norway.

POSTER PRESENTATIONS

2011

Luthe, T. and Wyss, R. (2011): Social Network Analysis in the Context of Cross-Border Climate Change Adaptation The Case of Tourism in the Oberalp Region. RegioSuisse research day 2011, Lausanne.

2010

Luthe, T. (2010): Extending vulnerability of alpine tourism to environmental change: opportunities and factors for a qualitative sustainable growth model. Human Dimensions of Global Environmental Change program at the 11th Swiss Global Change Day 2010, Swiss Academy of Sciences scnat. ProClim – Forum for Climate and Global Change, Bern.

2008

Luthe, T. (2008): Biodiversity and Sports. International Congress at the German Sport University Cologne, Institute for Outdoor Sports and Environmental Science. Title of the first poster: SkiSustain – a sustainability management framework for ski destinations. Title of the second poster: Grown Skis – high tech eco freeride skis.

BOOKS/ BOOK SECTIONS/ MONOGRAPHS

2011

Alber K, Allamandola MA, Balbi S, Bausch T, Benati A, Bonzanigo L, Cetara L, Chaix C, Clivaz C, Colson A, Cremer I, Dissegna M, Doctor M, Dutto E, Elmi M, Fosson JP, Frigo B, Furlani R, Gallée H, Garbellini L, Gessner S, Giupponi C, Herntrei M, Kolbeck F, Luthe T, Macchiavelli A, Matasci C, Mignone N, Moretto D, Muti S, Pasquettaz C, Pasutto I, Peters M, Peyrache-Gadeau V, Pipan P, Pozzi A, Rutter S, Scheibel C, Schuckert M, Siegrist D, Strobl A, Urbanc M, Venuta ML, Wyss R (2011). ClimAlpTour – Climate Change and its Impact on Tourism in the Alpine Space. Final project report of the Alpine Space Interreg project ClimAlpTour. Published by Geografski inštitut Antona Melika ZRC SAZU and ClimAlpTour.

Schuckert, M., Luthe, T., and Wyss, R. (2011). Das Emmental: Relevanz und Implikationen aus Netzwerkstrukturen bei der Entwicklung touristischer Destinationen. In: Boksberger, P. and Schuckert, M. (Hrsg) (2011). Innovationen in Tourismus und Freizeit. Hypes, Trends und Entwicklungen. Deutsche Gesellschaft für Tourismuswissenschaft e.V., Erich Schmidt Verlag.

Luthe, T., and Schuckert, M. (2011): Socially responsible investing – implications for leveraging sustainable development. In: Conrady, R., and Buck, M. (Hrsg) (2011): Trends and Issues in Global Tourism 2011. Springer. ISSN 1868-0127.

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2009

Luthe, T. (2009): Vulnerability to global change and sustainable adaptation of ski tourism - SkiSustain. Dissertation an der Deutschen Sporthochschule Köln. Band 25 der Schriftenreihe des Instituts für Natursport und Ökologie, 350 Seiten.

2007

Luthe, T. (2007): Schneesport und Bildung für eine nachhaltige Entwicklung. Filme, Fachinformationen und Praxistipps zur vernetzenden Kommunikation eines zukunftsfähigen Schneesports in Schule und Verein. Band 9 der DSV-Umweltreihe. Deutscher Skiverband, Planegg.

Luthe, T., and Roth, R. (2007): Umwelt, Nachhaltigkeit, Landschaftsnutzung. In: Nordic Skiing Lehrplan. Deutscher Skiverband, Planegg.

Luthe, T., and Roth, R. (2007): Umwelt, Nachhaltigkeit, Landschaftsnutzung. In: Nordic Walking Lehrplan. Deutscher Skiverband, Planegg.

Luthe, T., and Roth, R. (2007): Umwelt, Nachhaltigkeit, Landschaftsnutzung. In: Nordic Blading Lehrplan. Deutscher Skiverband, Planegg.

Luthe, T., and Roth, R. (2007): Umwelt, Nachhaltigkeit, Landschaftsnutzung. In: Nordic Snowshoeing Lehrplan. Deutscher Skiverband, Planegg.

Lauterwasser, E., and Luthe, T. (2007): Skisport und Umwelt. Landschaft und Umwelt in der nordischen Ausbildung. In: DSV-Theorielehrbuch. Deutscher Skiverband, Planegg.

2005

Luthe, T. (2005): Sustainability Leadership Training. Entwicklung und Evaluation eines universitären Trainings- und Lehrkonzepts in Bildung für eine nachhaltige Entwicklung. Masterarbeit im Studiengang „Umwelt & Bildung“, Universität Rostock. Diplomica Verlag GmbH, Hamburg.

2001

Luthe, T. (2001): Energetische Bilanzierung von Baustoffen für den Holzhausbau. Diplomarbeit im Studiengang „Forst- und Umweltwissenschaften“, Diplomica Verlag GmbH, Hamburg.

CONFERENCE PRESENTATIONS & SPEECHES

2011

Enhancing efficiency and effectiveness of sustainability learning. European Society of Ecological Economics Congress, Istanbul, Turkey.

2010

(invited) Minimizing the impact of ski tourism on alpine ecosystems. VERBIER GREEN PIONEERING SUMMIT 2010 and INTERNATIONAL MOUNTAIN DAY in association with UNEP. Verbier, Switzerland.

(invited) Nachhaltigkeit des alpinen Tourismus. Öffentlicher Vortrag in der Projektplattform des Instituts für Entwerfen, Stadt und Landschaft, Technische Universität München.

Scenario-building in ecological-social-economic networks in a changing climate in Spitsbergen. Climate Change and Impact Assessment IAIA Special Symposium, Alborg, Danmark.

Overcoming social barriers in managing vulnerability of alpine tourism to environmental change. Social Dimensions of environmental change and governance. 2010 Berlin Conference on the Human Dimensions of Global Environmental Change. Environmental Policy Research Centre, Freie Universität Berlin.

Developing and testing a sustainable growth model for adaptation and mitigation to climate change in the Arctic of Svalbard: balancing science, communication and practice. Td-conference „Implementation in Inter- and Transdisciplinary Research, Practice and Teaching.“ Network for Transdisciplinary Research, Swiss Academy of Arts and Science. University of Geneva.

Strengthening social networks for climate change vulnerability management. 7th Conference on Applications of Social Network Analysis, ASNA 2010, ETH Zurich & University of Zurich.

Erfolgsfaktor Nachhaltigkeit für den alpinen Tourismus im globalen Wandel. ICAS Nachwuchsforschertagung Phil.Alp. ICAS Interacademic Commission for Alpine Studies of the Swiss Academies of Arts and Science. Mendrisio, Switzerland.

The current state of scientific knowledge on global environmental change and tourism. Expert hearing workshop on Climate Change and Tourism. INTERREG IV b ClimAlpTour project. Surselva, Sedrun-Disentis-Andermatt. University of Applied Sciences HTW Chur.

Eco-entrepreneurship and sustainable tourism development as a market driven tool to improve environmental governance in Arctic regions. Group of Environment and Development. Jahreskongress der Schweizerischen Vereinigung für Politische Wissenschaft - SVPW/ASSP. Universität Genf, 7./8. Januar 2010

2009

(invited) Nachhaltigkeit durch Erleben. Tagung „Outdoor Education – natürlich durch Schneesport“, Kleinwalsertal. Arbeitsgemeinschaft Schneesport an Hochschulen e.V.. Deutsche Vereinigung Sportwissenschaft.

Sustainability and Corporate Social Responsibility (CSR) in tourism as market driven entrepreneurial instruments for environmental governance to decrease vulnerability to Global Change - and the challenge ahead. Conference: Facing Climate Change and the Global Economic Crisis. Challenges for the Future of Tourism. EURAC Academy Bozen, Italy.

Tipps und Tricks bei Gästebefragungen. Tourismus Trend Forum Graubünden 2009. HTW Chur. Schweiz.

“Structural network analysis and dynamic outlooks for assessing vulnerability of tourism to global change”. 6th Conference on Applications of Social Network Analysis (ASNA 2009), Panel “Environmental Networks”. University of Zurich and ETH Zurich.

“Behavioural change to sustainable consumption as an economic driving force for enhancing the transition to sustainable business models in ski tourism”. 8th International Conference of the European Society for Ecological Economics TRANSFORMATION, INNOVATION AND ADAPTATION FOR SUSTAINABILITY – INTEGRATING NATURAL AND SOCIAL SCIENCES: Ljubljana, Croatia.

ISPO München, Ice & Rock Summit: Outdoor Tourismus – sanfte Mobilität – Alpine Pearls. Podiumsdiskussion zum Thema nachhaltige Tourismusentwicklung.

2008

The International Eco Tourism Society (TIES): „SkiSustain – global change, new vulnerability factors and chances in sustainable ski tourism. Experiences and market developments in the European Alps as a prognosis for the North American market?” Vancouver, Canada.

5 The Fourth International Conference on Monitoring and Management of Visitor Flows in Recreational and Protected Areas: Management for Protection and Development (MMV4): “New vulnerability factors of ski tourism and chances for sustainable adaptation.” Tuscany, Italy.

International Congress “erleben und lernen: Menschen stärken für Verantwortung”, Augsburg. „Sustainability Leadership Training“.

(invited) International Outdoor Fair Friedrichshafen. Congress “Challenge Sustainability”: “Human-environment system outdoor sports: sustainability in acting – educating – profiting”.

European Geophysical Union (EGU) General Assembly 2008, Vienna. Session on Climate: Past, Present, Future: Climate change impacts on tourism demand in ski destinations.

Biodiversity and Sports. International Congress at the German Sport University Cologne, Institute for Outdoor Sports and Environmental Science. Title of the first poster: SkiSustain – a sustainability management framework for ski destinations. Title of the second poster: Grown Skis – high tech eco freeride skis.

(invited) Second International Forum “Winter sports resorts for a better world”. Avoriaz, France. 17 and 18 January 2008. “An expert view on communication of sustainable development.”

2007

(invited) Train the trainers: theoretical and practical training of future guides for the project “ticket to nature”, an awarded educational project of the UN decade of education on sustainable development. Deutsche Bundesstiftung Umwelt (DBU), Stiftung Sicherheit im Skisport (SIS), German Sports University Cologne. Oberstdorf, Germany.

(invited) Stations de Ski et Developpement Durable. Bilan Carbon. Table ronde. Thème de la présentation: “Vulnérabilité et Adaptation des destinations de ski.” Chambéry. France.

Managing Alpine Future. Save through a time of global change. International Congress Center Innsbruck. “First results of SkiSustain - Sustainable Management of Ski Destinations and Global Change.”

(invited) Schneesport und Nachhaltigkeit – Herausforderungen für die Zukunft. Theorie course for ski and Snowboard instructors. Technical University Munich.

8th OIKOS PhD Summer Academy 2007, University of St.Gallen, Switzerland. “Indicators and opportunities to benchmark the sustainability performance of ski areas in relation to climate change and customer demand.”

(invited) Bundestagsfraktion in Garmisch-Partenkirchen. Regional development planning for the Alpine Ski World Championships 2011 in GAP. Title: “Sportgroßveranstaltungen und Nachhaltigkeitskonzepte.”

(invited) Sachsenforst and Landestourismusverband Sachsen in Chemnitz. Presentation of the DSV nordic aktiv Konzept to establish a new nordic skiing infrastructure in Saxony.

Global Ecotourism Conference GEC 2007, Oslo, Norway. “Ski for Nature: developing sustainable ski tourism as a tool for nature conservation in Kamchatka, Russia.”

2006

International Congress Erleben und Lernen 2006, Universität Augsburg, Oktober 2006. Thema des Vortrags: „Zur Zukunft von Schule und Skisport – neue Impulse im Sinne einer nachhaltigen Entwicklung.“

Internationales Olympisches Jugendlager, Olympische Winterspiele 2006 in Turin, Italien. Vortrag und Exkursion zur dritten Säule „Umwelt“ der olympischen Bewegung und zum Umweltkonzept der olympischen Spiele Turin.

2005

6 3rd WEEC Torino. Third World Congress of Environmental Education. First presentation: Research and assessment in environmental education: Implementing sustainability thinking and acting into a learning organization and its outreach to society. The German Ski Federation (DSV).

Second presentation: Communication and the environment: New media – developing new communication tools for sustainability education. The role of outdoor sports and films in sustainability education. A new film line of the German Ski Federation (DSV).

(invited) Konsumgut Natur – verehrt-verzehrt. Internationaler Fachkongress im UBS Zentrum Basel. Titel des Vortrages: Ein Film sagt mehr als tausend Worte. Natursport und Medien in der Nachhaltigkeitskommunikation.

MODERATION OF WORKSHOPS & PODIUM DISCUSSIONS

2011

Two workshops on adaptation to climate change through social network analysis and open innovation grass-roots network development. INTERREG IV b ClimAlpTour project. Surselva, Sedrun-Disentis-Andermatt. University of Applied Sciences HTW Chur.

2010

Workshop on scenario-building in ecological-social-economic networks in a changing climate in Spitsbergen: assessment of the current economic system on the ecological environment, feedbacks on the social system, impacts of environmental change, and development of alternatives and scenarios. Climate Change and Impact Assessment IAIA Special Symposium, Alborg, Danmark.

Workshop on adaptation to climate change through social network analysis and open innovation grass-roots network development. INTERREG IV b ClimAlpTour project. Surselva, Sedrun-Disentis-Andermatt. University of Applied Sciences HTW Chur.

Expert hearing workshop on Climate Change and Tourism. INTERREG IV b ClimAlpTour project. Surselva, Sedrun-

Disentis-Andermatt. University of Applied Sciences HTW Chur.

Corporate Social Responsibility and Finance. Podium discussion at the CSR day of the International Tourism Fair ITB Berlin.