

Appendix 3. Test library

1. Sarkki, S., A. Ficko, K. Grunewald, A. P. Kyriazopoulos, and M. Nijnik. 2017. How pragmatism in environmental science and policy can undermine sustainability transformations: the case of marginalized mountain areas under climate and land-use change. *Sustainability Science* 12: 549-561.
2. Bogdan, S.-M., I. Pătru-Stupariu, and Zaharia, L. 2016. The assessment of regulatory ecosystem services: the case of the sediment retention service in a mountain landscape in the Southern Romanian Carpathians. *Procedia Environmental Sciences* 32: 12–27.
3. Capitani, C., K. Mukama, B. Mbilinyi, I. Malugu, P. K. T Munishi, N. D. Burgess, P. J. Platts, S. Sallu, and R. Marchant. 2016. From local scenarios to national maps: a participatory framework for envisioning the future of Tanzania. *Ecology and Society* 21(3): 5.
4. Palacios-Agundez, I., M. Onaindia, M. Potschin, J. A. Tratalos, I. Madariaga, and R. Haines-Young. 2015. Relevance for decision making of spatially explicit, participatory scenarios for ecosystem services in an area of a high current demand. *Environmental Science and Policy* 54 (Supplement C): 199-209.
5. Malek, Z., and L. Boerboom. 2015. Participatory scenario development to address potential impacts of land use change: An example from the Italian Alps. *Mountain Research and Development* 35(2): 126-138.
6. Enache, A., M. Kuhmaier, K. Stampfer, and V. D. Coibanu. 2013. An integrated decision support tool for assessing forest road options in a mountainous region in Romania. *Croatian Journal of Forest Engineering* 34(1): 43-60.
7. Lippe, M., T. T. Minh, A. Neef, T. Hilger, V. Hoffman, N. T. Lam, and G. Cadisch. 2011. Building on qualitative datasets and participatory processes to simulate land use change in a mountain watershed of Northwest Vietnam. *Environmental Modeling and Software* 25(12): 1454-1466.
8. Tzanopoulos, J., A. S. Kallimanis, I. Bella, L. Labrianidis, S. Sgardelis, and J. D. Pantis. 2011.

- Agricultural decline and sustainable development on mountain areas in Greece: Sustainability assessment of future scenarios. *Land Use Policy* 28(3): 585-593.
9. Bajracharya, B., S. Pradhan, S. Basanta, and F. Salerno. 2010. An integrated decision support toolbox (DST) for the management of mountain protected areas. *Mountain Research and Development* 30(2): 94-102.
 10. Daconto, G., and L. N. Sherpa. 2015. Applying scenario planning to park and tourism management in Sagarmatha National Park, Khumbu, Nepal. *Mountain Research and Development* 30(2): 103-112.
 11. Suzuki, N., and K. L. Parker. Potential conflict between future development of natural resources and high-value wildlife habitats in boreal landscapes. *Biodiversity and Conservation* 25(14): 3043-3073.
 12. Soliva, R., and M. Hunziker. 2009. Beyond the visual dimension: Using ideal type narratives to analyse people's assessments of landscape scenarios. *Land Use Policy* 26(2): 284-294.
 13. Soliva, R., K. Rønningen, I. Bella, P. Bezak, T. Cooper, B. E. Flø, P. Marty, and C. Potter. 2008. Envisioning upland futures: Stakeholder responses to scenarios for Europe's mountain landscapes. *Journal of Rural Studies* 24(1): 56-71.
 14. Lamarque, P., A. Artaux, C. Barnaud, L. Dobremez, B. Nettier, and S. Lavorel. 2013. Taking into account farmers' decision making to map fine-scale land management adaptation to climate and socio-economic scenarios. *Landscape and Urban Planning* 119(Supplement C): 147-157.
 15. Bolliger, J., F. Kienast, R. Soliva, and G. Rutherford. 2007. Spatial sensitivity of species habitat patterns to scenarios of land use change (Switzerland). *Landscape Ecology* 22(5): 773-789.
 16. Koo, K. A., S. U. Park, W.-S. Kong, S. Hong, I. Jang, and C. Seo. 2017. Potential climate change effects on tree distributions in the Korean Peninsula: Understanding model and climate uncertainties. *Ecological modeling* 353: 17-37.
 17. Schirpka, U., F. Timmermann, U. Tappeiner, and E. Tasser. 2016. Cultural ecosystem services of mountain regions: Modeling the aesthetic value. *Ecological Indicators* 69: 78-90.

18. Bentham, J. 2014. The scenario approach to possible futures for oil and natural gas. *Energy Policy* 64: 87-92.
19. Soliva, R. 2007. The future of the Swiss Alps: A participatory sustainability assessment of agricultural and landscape scenarios. *Gaia-Ecological Perspectives for Science and Society* 16(2): 122-129.
20. Vashisht, A. K. 2008. Ingenious techniques for irrigation sustainability in Himalayan and Shiwalik foothill regions. *Current Science* 95(12): 1688-1693.
21. Salerno, F., G. Viviano, S. Thukari, B. Flury, R. K. Maskey, S. N. Khanal, D. Bhujju, M. Carrer, S. Bhochohibhoya, M. T. Melis, F. Giannino, A. Staiano, F. Carteni, S. Mazzoleni, A. Cogo, A. Sapkota, S. Shresha, and E. C. Manfredi. 2010. Energy, forest and indoor air pollution models for Sagarmatha national park and buffer zone, Nepal implementation of a participatory modeling framework. *Mountain Research and Development* 30(20): 113-126.
22. Walz, A., C. Lardelli, H. Behrendt, A. Gret-Regamey, C. Lundstrom, S. Kytzia, and P. Bebi. 2007. Participatory scenario analysis for integrated regional modeling. *Landscape and Urban Planning* 81: 114–131.
23. Palazzi, E., L. Filippi, and J. von Hardenberg. 2017. Insights into elevation- dependent warming in the Tibetan Plateau-Himalayas from CMIP5 model simulations. *Climate Dynamics* 48(11): 3991-4008.
24. Accatello, C., B. Filippo, and E. Borgogno-Mondino. 2017. A spatial-based decision support systems for wood harvesting management in mountain areas. *Land Use Policy* 67: 277-287.
25. Sil, A., A. P. Rodrigues, and C. Carvalho-Santos. 2016. Trade-offs and synergies between provisioning and regulating ecosystem services in mountain area Portugal affected by landscape change. *Mountain Research and Development* 36(4): 452-464.
26. Cantiani, M. G., C. Geitner, C. Haida, F. Maino, C. Tattoni, D. Vettorato, and M. Ciolli. 2016. Balancing economic development and environmental conservation for a new governance of Alpine areas. *Sustainability* 8(8): 802.

27. Langer, A., F. Irauschek, S. Perez, M. Pardos, T. Zlatanov, K. Öhman, E.-M. Nordström, and M. J. Lexer. 2017. Value-based ecosystem service trade-offs in multi-objective management in European mountain forests. *Ecosystem Services* 26: 245-257.
28. Cavallaro, F., F. Ciari, S. Nocero, F. Prettenthaler, and A. Scuttari. 2017. The impacts of climate change on tourist mobility in mountain areas. *Journal of Sustainable Tourism* 28(8): 1063-1083.
29. Portman, M. E., and E. Yargen. 2016. Ecosystem services assessment from the mountain to the sea: In search of a method for land and seascape planning. *Urban Sustainability: Policy and Praxis* 14: 23-41.
30. Djordjevic, D. S., V. Secerov, D Filipovic, B. Lukic, and M. R. Jeftic. 2016. The impact of climate change on the planning of mountain tourism development in Serbia: Case studies of Kopaonik and Zlatibor. *Fresenius Environmental Bulletin* 25(11): 5027-5034.