

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>	Temperli, Christian
<i>Titel</i>	Dr.
<i>Date / place of birth</i>	21.4.1981 / Scherzingen TG
<i>Nationality</i>	CH
<i>Adress (office)</i>	Eidg. Forschungsanstalt für Wald, Schnee und Landschaft WSL Zürcherstrasse 111 8903 Birmensdorf
<i>Email</i>	christian.temperli@wsl.ch
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Professional and Research Interests

Forest ecosystem services

Forest Resilience

Climate smart forestry

Decision support system

Forest inventory

Climate change impacts on forest disturbance regimes and forest development

Dynamic forest development modelling

Education (start with professional training)

8.2022–9.2022	Professional development: Project Management for Research - for postdocs and senior researchers. VPPL Development and leadership, ETH Zurich.
3.2009–12.2012	Ph.D. Thesis at the Professorship Forest Ecology, Department of Environmental Systems Science, ETH Zurich. Title of thesis: " <i>Climate change, large-scale disturbances and adaptive forest management</i> ". Supervision: Prof. H. Bugmann (ETH Zurich) and Dr. C. Elkin (ETH Zurich).
6.2007–12.2007	Diploma thesis (M.Sc.) with the Disturbance Ecology group at WSL. Supervision: Prof. H. Bugmann (ETH Zurich) and Dr. T. Wohlgemuth (WSL).
10.2002–12.2007	Studies in environmental sciences at the Department of Environmental Systems Science at ETH Zurich with focus on terrestrial systems and biology.

Work Experience (academic and implementation)

Since 9.2018	Scientific staff member, Scientific Service NFI at WSL, Birmensdorf. Research on forest ecosystem services, NFI-reporting on timber harvesting and management planning.
9.2016–9.2018	Scientific staff member, Resource Analysis at WSL, Birmensdorf. Modelling and projecting ecosystem services based on forest inventory data; co-supervision of PhD-thesis.
9.2014–9.2016	Postdoc with the Resource Analysis group at WSL, Birmensdorf. Empirical modelling of harvesting scenarios. NFP66 Project MOBSTRAT
4.2013–4.2014	Postdoc at the Department of Geography, University of Colorado at Boulder funded through SNF fellowship (Grant number 145714).

	Dynamic modeling of forest disturbance and ecosystem services under climate change, Field study on logging-bark beetle interactions, student mentoring.
1.2013	Postdoc at the Professorship Forest Ecology, ETH Zürich (one month). Publication of PhD research.
3.2009-11.2012	Scientific assistant at the Professorship Forest Ecology, ETH Zurich. PhD research and maintenance of group website.
2005–2009	Practical trainings at the Professorship Forest Ecology, ETH Zürich (12.2008-2.2009), with the Stand Dynamics and Silviculture group at WSL, Birmensdorf (1.2008-8.2008) and with Parks Victoria in the Dandenong Ranges National Park, Australia (11.2005–3.2006).

Awards

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

<u>Amount</u>	<u>Founding Agency</u>	<u>Titel</u>
CHF 67'140	WSL Internal Innovative Projects	Shackleton R. (PI), C. Fischer, T. Schulz, C. Temperli (Co-PIs) , T. Tang (project staff). 2026. Do Swiss foresters' perceptions of social-ecological change affect adaptive forest management responses and ecological forest status? (ForManPerceptions)
CHF 39'964	Bundesamt für Umwelt	Temperli C. (PI) . 2025. Resistenz und Resilienz des Schweizer Waldes: Entwicklung eines Indikatoren Sets
€ 448'750	EU - HorizonEurope bzw. SERI	Fischer, C., C. Temperli (WSL-Representative) , C. Hunziker. Co-creating a blueprint of a harmonised European Forest Multifunctionality Monitoring System (MoniFun). Tasks 2.4 and 2.6.
CHF 57'650	WSL Internal Innovative Projects	Bottero, A.(PI), J. Glatthorn (Deputy), C. Temperli (Project staff) et al. 2022. Thinning and impact of drought in mountain forests: what are the trade-offs with forest ecosystem services? (TradeES).
CHF 49'400	Bundesamt für Statistik	Temperli, C. (PI), C. Fischer (Co-PI). 2022. Ökonomische Bewertung des stehenden Holzvorrates
CHF 191'700	WSL CCAM Research Program	Bebi, P. (PI), A. Ringenbach (Deputy), C. Temperli (project staff) et al. 2021, CCAMM Task 2.5: Changing forests and natural hazard risks in Davos (FORISK). C Temperli supervised post-doc A. Mauri in work package 2 out of 4.
CHF 607'810	WSL Extremes Research Program	Bebi, P.(PI), M. Hobi (Deputy), C. Temperli (project staff) , et al. 2021. Mountain Spruce Forests As Hotspots for Extremes: Impacts, Resilience and Management Priorities (MountEx). 2021. C. Temperli contributed to work packages 2 and 3 out of 3.
CHF 34'840	Bundesamt für Statistik	Temperli, C. (PI), C. Fischer (Co-PI). 2019. Ökonomische Bewertung des stehenden Holzvorrates
CHF 50'976	WSL internal project	Temperli, C. (PI), A. Bottero, M. Ferretti, U-B. Brändli (Co-PIs). 2019. Climate-smart forestry directions based on national Forest Inventory data (ClimFin)
CHF 649'434	SNSF NRP 73 Sustainable Economy	Thürig, E. (corresponding applicant, PI), M. Huber (further applicant), G. Stadelmann, B. Rohner, J. Zell, C. Temperli , O. Thees, H. Bugmann (project partners). 2017. SessFor – Sustainable development of ecosystem services in Swiss Forests
CHF 372'000	POL-LFI	Temperli, C. (PI), C. Blattter (Co-PI, PhD-Student), R. Lemm, U-B. Brändli und E. Thürig. 2015. Anwendung von Indikatoren zur Prognose der Ökosystemleistungen des Schweizer Waldes mit LFI-Daten
US\$ 340'000	U.S. National Science Foundation	Veblen, T. (PI), D. Kulakowski (Co-PI), S. Hart and C. Temperli . 2013. Collaborative Research: Spruce beetle and wildfire interactions under varying climate in the

		Rockies. U.S. National Science Foundation, Geography and Spatial Sciences Program. C. Temperli contributed to work package 5 out of 5.
CHF 44'300	SNSF fellowship for prospective researchers	Temperli, C. (PI). 2012. Spruce beetle and fire interactions under climate change and adaptive forest management in subalpine forests of northern Colorado, USA.

Publication record (h-index, number of citations/publications)

[Please state max. the 10 most important productions]

h-index: 20, number of citations: 1'450, number of publications: 34 (retrieved from citation report of Clarivate Web of Science on 18 September 2026)

Bührle, L. J., T. Kalt, P. Bebi, M. Teich, M. L. Hobi, A. Bast, R. Schrott, K. Helzel, **C. Temperli**, L. G. Bont, C. Blattert, J. Schweier, and A. Bottero. 2026. Regional disturbance predisposition assessment to support management in Norway spruce-dominated mountain forests. *Forest Ecology and Management* 611:123636.

Temperli, C., P. Nikolova, and P. Brang. 2023. Zukunftsfähigkeit der Baumartenzusammensetzung des Schweizer Waldes. *Schweizerische Zeitschrift für Forstwesen* 174:76–84.

Bowditch, E., G. Santopuoli, F. Binder, M. del Río, N. La Porta, T. Kluvankova, J. Lesinski, R. Motta, M. Pach, P. Panzacchi, H. Pretzsch, **C. Temperli**, G. Tonon, M. Smith, V. Velikova, A. Weatherall, and R. Tognetti. 2020. What is Climate-Smart Forestry? A definition from a multinational collaborative process focused on mountain regions of Europe. *Ecosystem Services* 43:101113.

Mathys, A. S., A. Bottero, G. Stadelmann, E. Thürig, M. Ferretti, and **C. Temperli**. 2021. Presenting a climate-smart forestry evaluation framework based on national forest inventories. *Ecological Indicators* 133:108459.

Temperli, C., C. Blattert, G. Stadelmann, U.-B. Brändli, and E. Thürig. 2020. Trade-offs between ecosystem service provision and the predisposition to disturbances: a NFI-based scenario analysis. *Forest Ecosystems* 7:27.

Temperli, C., G. Stadelmann, E. Thürig, and P. Brang. 2017. Silvicultural strategies for increased timber harvesting in a Central European mountain landscape. *European Journal of Forest Research* 136:493–509. doi: 10.1007/s10342-017-1048-1

Temperli C., S. Hart, T. Veblen, D. Kulakowski and A. Tepley. 2015. Interactions among spruce beetle disturbance, climate change and forest dynamics captured by a forest landscape model. *Ecosphere* 6:article no. 231. doi: 10.1890/ES15-00394.1

Temperli, C., H. Bugmann, and C. Elkin. 2013. Cross-scale interactions among bark beetles, climate change, and wind disturbances: a landscape modeling approach. *Ecological Monographs* 83:383–402. doi: 10.1890/12-1503.1

Elkin, C., A. Gutierrez, S. Leuzinger, C. Manusch, **C. Temperli**, L. Rasche and H. Bugmann. 2013. A 2 °C warmer world is not safe for ecosystem services in the European Alps. *Global Change Biology* 19:1827–1840. doi: 10.1111/gcb.12156

Temperli, C., H. Bugmann, and C. Elkin. 2012. Adaptive management for competing forest goods and services under climate change. *Ecological Applications* 22: 2065–2077. doi: 10.1890/12-0210.1

Teaching (PhD, Master, Bachelor etc.)

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Supervision of theses (academic main lead)

4.2018–10.2022	Co-referee and direct thesis supervisor of PhD-student (Reinhard Mey) in NRP73 project SessFor (Main referee: Prof. H. Bugmann, ETH; Project PI: Dr. E. Thürig)

Selected professional activities (academic and implementation)

8.2026	Klima-Tisch organized by Amt für Wald und Naturgefahren Kt. Bern. Invited talk: Resilienz des Schweizer Waldes: Definitionen und Beurteilung. Ca. 30 participants
Since 11.2025	Member of WSL Diversity Committee
9.2024–10.2026	Member of WSL Staff Committee
7.2023	Klima-Tisch organized by Amt für Wald und Naturgefahren Kt. Bern. Invited talk: Zukunftsfähigkeit der Baumartenzusammensetzung des Schweizer Waldes. Ca. 30 participants
10.2019	Host of CLIMO Cost Action working group meeting at WSL for 19 participants
Since 2018	NFI data delivery and consultation in response to requests from researchers and government officials (ca. 5% workload)
Since 2018	NFI data delivery and consulting for the Swiss Federal Statistical Office (<5% workload)
12.2017	Organization of stakeholder meeting as part of the NFI-project on ecosystem services indicators
10.2016–4.2021	Management committee member substitute of Cost Action CLIMO
9.2014–9.2016	Development of timber mobilization scenarios with cantonal forestry officers in NRP66-project MOBSTRAT
Since 2012	Reviews for <i>Annals of Forest Science</i> (1), <i>Atmosphere</i> (1), <i>Canadian Journal of Forest Research</i> (1), <i>Carbon balance and management</i> (1), <i>Ecological Applications</i> (3), <i>Ecological modelling</i> (1), <i>Ecological Monographs</i> (1), <i>Ecosphere</i> (1), <i>Environmental Modelling and Software</i> (2), <i>European Journal of Forest Research</i> (2), <i>Forest Ecology and Management</i> (6), <i>Forestry</i> (1), <i>Forests</i> (4), <i>Frontiers in Forests and Global Change</i> (4), <i>Global Change Biology</i> (1), <i>Journal of Environmental Management</i> (3), <i>Journal of Vegetation Science</i> (1), <i>Landscape Ecology</i> (1), <i>Mountain research and development</i> (1), <i>Nature Communications</i> (1), <i>New Phytologist</i> (1), <i>PeerJ</i> (1), <i>Plant and Soil</i> (1), <i>PlosOne</i> (1), <i>Regional Environmental change</i> (1), <i>Restoration ecology</i> (1), <i>Schweizerische Zeitschrift für Forstwesen</i> (1), <i>Scientific Reports</i> (1), <i>Sustainability</i> (1) Number of parenthesis indicates number of manuscripts

Selected other activities

Since 3.2021	Parenting: Father of Jeanne (*28.3.2021) and Rémy Vallon (10.2.2023). Parttime work: 4.2021–9.2023: 80%, 10.2023–9.2025: 70%, since 10.2025: 80%.
	Hobbies: Cycling, Hiking, DIY furniture and audio equipment, guitar playing

Publications

ISI

- Bührle, L. J., T. Kalt, P. Bebi, M. Teich, M. L. Hobi, A. Bast, R. Schrott, K. Helzel, **C. Temperli**, L. G. Bont, C. Blattert, J. Schweier, and A. Bottero. 2026. Regional disturbance predisposition assessment to support management in Norway spruce-dominated mountain forests. *Forest Ecology and Management* 611:123636.
- Manzanedo, R. D., K. Visakorpi, A. Bieger, **C. Temperli**, J. Portier, S. Goetsch, and J. Hille Ris Lambers. 2026. High climatic niche stability across life stages in Swiss forest tree species. *Journal of Ecology* 114:e70338.
- Rieder, D., M. Costa, **C. Temperli**, F. Giardina, and G. Vaccario. 2026. Machine learning for modeling forest dynamics using National Forest Inventory and climate data. *Ecological Modelling* 521:111763.
- Wöhlbrandt, A., A. Onay, U. Bachmann-Gigl, W. Falk, **C. Temperli**, S. Aspalter, D. Chakraborty, S. Schüler, J. Breidenbach, J. Fridman, M. Isaac-Renton, V. Šebeň, M. Skudnik, T. Zlatanov, D. Thom, and E. A. Thurm. 2026a. Pan-European maps and models of current and future tree species distributions and their growth potential. *Data in Brief*:113027 (15 pp.).
- Wöhlbrandt, A., A. Onay, U. Bachmann-Gigl, W. Falk, **C. Temperli**, S. Aspalter, D. Chakraborty, S. Schüler, J. Breidenbach, J. Fridman, M. Isaac-Renton, V. Šebeň, M. Skudnik, T. Zlatanov, D. Thom, and E. A. Thurm. 2026b. Dual modeling approach reveals: Need for assisted migration to mitigate loss of forest productivity in Europe. *Journal of Environmental Management* 404:129142.
- Mutterer, S., J. Schweier, L. G. Bont, G. B. Pezzatti, M. Conedera, **C. Temperli**, V. C. Griess, and C. Blattert. 2025. Integrating fire predisposition assessment into decision support systems for mountain forest management. *MethodsX* 14:103332.
- Bont, L. G., J. Schweier, and **C. Temperli**. 2024. Effect of labour costs on wood harvesting costs and timber provision. *European Journal of Forest Research* 143:393–418.
- May, D., C. Moos, L. Dorren, E. Noyer, **C. Temperli**, and M. Schwarz. 2023. Quantifying the long-term recovery of the protective effect of forests against rockfall after stand-replacing disturbances. *Frontiers in Forests and Global Change* 6.
- Mey, R., **C. Temperli**, J. Stillhard, J. Nitzsche, E. Thürig, H. Bugmann, and J. Zell. 2023. Deriving forest stand information from small sample plots: An evaluation of statistical methods. *Forest Ecology and Management* 544:121155.
- Thrippleton, T., **C. Temperli**, F. Krumm, R. Mey, J. Zell, S. Stroheker, M. M. Gossner, P. Bebi, E. Thürig, and J. Schweier. 2023. Balancing disturbance risk and ecosystem service provisioning in Swiss mountain forests: an increasing challenge under climate change. *Regional Environmental Change* 23:29.
- Mey, R., J. Zell, E. Thürig, G. Stadelmann, H. Bugmann, and **C. Temperli**. 2022. Tree species admixture increases ecosystem service provision in simulated spruce- and beech-dominated stands. *European Journal of Forest Research* 141:801–820.
- Mathys, A. S., A. Bottero, G. Stadelmann, E. Thürig, M. Ferretti, and **C. Temperli**. 2021. Presenting a climate-smart forestry evaluation framework based on national forest inventories. *Ecological Indicators* 133:108459.
- Santopuoli, G., **C. Temperli**, I. Alberdi, I. Barbeito, M. Bosela, A. Bottero, M. Klopčič, J. Lesinski, P. Panzacchi, and R. Tognetti. 2021. Pan-European Sustainable Forest Management indicators for

- assessing Climate-Smart Forestry in Europe. *Canadian Journal of Forest Research*. doi: 10.1139/cjfr-2020-0166
- Blattert, C., R. Lemm, E. Thürig, G. Stadelmann, U.-B. Brändli, and **C. Temperli**. 2020. Long-term impacts of increased timber harvests on ecosystem services and biodiversity: A scenario study based on national forest inventory data. *Ecosystem Services* 45:101150. doi: 10.1016/j.ecoser.2020.101150
- Bowditch, E., G. Santopuoli, F. Binder, M. del Río, N. La Porta, T. Kluvankova, J. Lesinski, R. Motta, M. Pach, P. Panzacchi, H. Pretzsch, **C. Temperli**, G. Tonon, M. Smith, V. Velikova, A. Weatherall, and R. Tognetti. 2020. What is Climate-Smart Forestry? A definition from a multinational collaborative process focused on mountain regions of Europe. *Ecosystem Services* 43:101113. doi: 10.1016/j.ecoser.2020.101113
- Temperli, C.**, C. Blattert, G. Stadelmann, U.-B. Brändli, and E. Thürig. 2020. Trade-offs between ecosystem service provision and the predisposition to disturbances: a NFI-based scenario analysis. *Forest Ecosystems* 7:27. doi: 10.1186/s40663-020-00236-1
- Stadelmann, G., **C. Temperli**, B. Rohner, M. Didion, A. Herold, E. Rösler, E. Thürig. 2019. Presenting MASSIMO: A Management Scenario Simulation Model to Project Growth, Harvests and Carbon Dynamics of Swiss Forests. *Forests* 10. doi: 10.3390/f10020094.
- Schelhaas, M.-J., J. Fridman, G. Hengeveld, H. Henttonen, A. Lehtonen, U. Kies, N. Krajnc, B. Lerink, A. Dhubbáin, H. Polley, T. Pugh, J. Redmond, B. Rohner, **C. Temperli**, J. Vayreda, G.-J. Nabuurs. 2018. Actual European forest management by region, tree species and owner based on 714,000 re-measured trees in national forest inventories. *PLOS ONE* 13: e0207151. doi.org/10.1371/journal.pone.0207151.
- Temperli, C.**, G. Stadelmann, E. Thürig, and P. Brang. 2017. Timber mobilization and habitat tree retention in low-elevation mixed forests in Switzerland: an inventory-based scenario analysis of opportunities and constraints. *European Journal of Forest Research* 136:711–725. doi: 10.1007/s10342-017-1067-y
- Temperli, C.**, G. Stadelmann, E. Thürig, and P. Brang. 2017. Silvicultural strategies for increased timber harvesting in a Central European mountain landscape. *European Journal of Forest Research* 136:493–509. doi: 10.1007/s10342-017-1048-1
- Reyer, C. P. O., S. Bathgate, K. Blennow, J. G. Borges, H. Bugmann, Sylvain Delzon, S. P. Faias, J. Garcia-Gonzalo, B. Gardiner, J. R. Gonzalez-Olabarria, Carlos Gracia, J. G. Hernández, S. Kellomäki, K. Kramer, M. J. Lexer, M. Lindner, E. van der Maaten, M. Maroschek, B. Muys, B. Nicoll, M. Palahi, J. H. Palma, J. A. Paulo, Heli Peltola, T. Pukkala, W. Rammer, D. Ray, S. Sabaté, M.-J. Schelhaas, R. Seidl, **C. Temperli**, M. Tomé, R. Yousefpour, N. E. Zimmermann, and M. Hanewinkel. 2017. Are forest disturbances amplifying or canceling out climate change-induced productivity changes in European forests? *Environmental Research Letters* 12:034027. doi: 10.1088/1748-9326/aa5ef1
- Yousefpour, R., **C. Temperli**, J. B. Jacobsen, B. J. Thorsen, H. Meilby, M. Lexer, M. Lindner, H. Bugmann, J. Borges, J. Palma, D. Ray, N. Zimmermann, S. Delzon, A. Kremer, K. Kramer, C. Reyher, P. Lasch-Born, J. Garcia-Gonzalo, and M. Hanewinkel. 2017. A framework for modeling adaptive forest management and decision making under climate change. *Ecology and Society* 22. doi: 10.1007/s10113-014-0717-6

- Schwörer, C., D. M. Fisher, D. G. Gavin, **C. Temperli**, and P. J. Bartlein. 2016. Modeling postglacial vegetation dynamics of temperate forests on the Olympic Peninsula (WA, USA) with special regard to snowpack. *Climatic Change*:1–16. doi: 10.1007/s10584-016-1696-z
- Bouriaud, L., O. Bouriaud, C. Elkin, **C. Temperli**, C. Reyer, G. Duduman and 4 more. 2015. Age-class disequilibrium as an opportunity for adaptive forest management in the Carpathian Mountains, Romania. *Regional Environmental Change* 15:1557–1568. doi: 10.1007/s10113-014-0717-6
- Bouriaud, L., M. Marzano, M. J. Lexer, L. Nichiforel, C. Reyer, **C. Temperli** and 24 more. 2015. Institutional factors and opportunities for adapting European forest management to climate change. *Regional Environmental Change* 15:1595–1609. doi: 10.1007/s10113-015-0852-8
- Temperli C.**, S. Hart, T. Veblen, D. Kulakowski and A. Tepley. 2015. Interactions among spruce beetle disturbance, climate change and forest dynamics captured by a forest landscape model. *Ecosphere* 6:article no. 231. doi: 10.1890/ES15-00394.1
- Temperli C.**, S.J. Hart, T.T. Veblen, D. Kulakowski, J.J. Hicks and R. Andrus. 2014. Are density reduction treatments effective at managing for resistance or resilience to spruce beetle disturbance in the southern Rocky Mountains? *Forest Ecology and Management* 334:53–63. doi: 10.1016/j.foreco.2014.08.028
- Temperli, C.**, J. Zell, H. Bugmann, and C. Elkin. 2013. Sensitivity of ecosystem goods and services projections of a forest landscape model to initialization data. *Landscape Ecology* 28:1337–1352. doi: 10.1007/s10980-013-9882-0
- Temperli, C.**, H. Bugmann, and C. Elkin. 2013. Cross-scale interactions among bark beetles, climate change, and wind disturbances: a landscape modeling approach. *Ecological Monographs* 83:383–402. doi: 10.1890/12-1503.1
- Yousefpour, R., **C. Temperli**, H. Bugmann, C. Elkin, M. Hanewinkel, H. Meilby, J.B. Jacobsen, and B.J. Thorsen. 2013. Updating beliefs and combining evidence in adaptive forest management under climate change: A case study of Norway spruce (*Picea abies* L. Karst) in the Black Forest, Germany. *Journal of Environmental Management* 122:56–64. doi: 10.1016/j.jenvman.2013.03.004
- Elkin, C., A. Gutierrez, S. Leuzinger, C. Manusch, **C. Temperli**, L. Rasche and H. Bugmann. 2013. A 2 °C warmer world is not safe for ecosystem services in the European Alps. *Global Change Biology* 19:1827–1840. doi: 10.1111/gcb.12156
- Temperli, C.**, H. Bugmann, and C. Elkin. 2012. Adaptive management for competing forest goods and services under climate change. *Ecological Applications* 22: 2065–2077. doi: 10.1890/12-0210.1
- Moser, B., **C. Temperli**, G. Schneiter, and T. Wohlgemuth. 2010. Potential shift in tree species composition after interaction of fire and drought in the Central Alps. *European Journal of Forest Research* 129:625–633. doi: 10.1007/s10342-010-0363-6

Peer-reviewed non-ISI / Book chapters

- Temperli, C.**, J. Schweier, and L. Bont. 2026. Arbeitsverfahren und Kosten der Holzernte in der Schweiz – eine Betrachtung über die letzten 30 Jahre. *Schweizerische Zeitschrift für Forstwesen* 177:156–164.

- Thürig, E., J. Portier, B. Allgaier Leuch, F. Cioldi, A. Herold, G. Stadelmann, **C. Temperli**, T. Wohlgemuth, and B. Rohner. 2025. Die Schweizer Holzressourcen im Wandel: Trends aus 40 Jahren LFI. *Schweizerische Zeitschrift für Forstwesen* 176:244–253.
- Stadelmann, G., J. Portier, B. Rohner, M. Frehner, M. Ibrahim, S. Klesse, A. Mauri, D. Scherrer, K. Streit, **C. Temperli**, E. Thürig, and R. Flury. 2024. Ökologisch kohärente Baumartengruppen für die praxisnahe Forschung. *Schweizerische Zeitschrift für Forstwesen* 175:312–313.
- Temperli, C.**, P. Nikolova, and P. Brang. 2023. Zukunftsfähigkeit der Baumartenzusammensetzung des Schweizer Waldes. *Schweizerische Zeitschrift für Forstwesen* 174:76–84.
- Thrippleton, T., **C. Temperli**, F. Krumm, R. Mey, J. Zell, S. Stroheker, M. M. Gossner, P. Bebi, E. Thürig, and J. Schweizer. 2023. Anwendung eines Entscheidungssystems für die Anpassung an Klimawandel und Störungen im Gebirgswald. *Schweizerische Zeitschrift für Forstwesen*:85–91.
- Bosela, M., K. Merganičová, C. Torresan, P. Cherubini, M. Fabrika, B. Heinze, M. Höhn, M. Kašanin-Grubin, M. Klopčič, I. Mészáros, M. Pach, K. Střelcová, **C. Temperli**, G. Tonon, H. Pretzsch, and R. Tognetti. 2022. Modelling Future Growth of Mountain Forests Under Changing Environments. Pages 223–262 in R. Tognetti, M. Smith, and P. Panzacchi, editors. *Climate-Smart Forestry in Mountain Regions*. Springer International Publishing, Cham.
- Temperli, C.**, G. Santopuoli, A. Bottero, I. Barbeito, I. Alberdi, S. Condés, T. Gschwantner, M. Bosela, B. Neroj, C. Fischer, M. Klopčič, J. Lesiński, R. Sroga, and R. Tognetti. 2022. National Forest Inventory Data to Evaluate Climate-Smart Forestry. Pages 107–139 in R. Tognetti, M. Smith, and P. Panzacchi, editors. *Climate-Smart Forestry in Mountain Regions*. Springer International Publishing, Cham.
- Weatherall, A., G.-J. Nabuurs, V. Velikova, G. Santopuoli, B. Neroj, E. Bowditch, **C. Temperli**, F. Binder, L. Ditmarová, G. Jamnická, J. Lesinski, N. L. Porta, M. Pach, P. Panzacchi, M. Sarginci, Y. Serengil, and R. Tognetti. 2022. Defining Climate-Smart Forestry. Pages 35–58 in R. Tognetti, M. Smith, and P. Panzacchi, editors. *Climate-Smart Forestry in Mountain Regions*. Springer International Publishing, Cham.
- Bont, L., M. Fraefel, C. Fischer, **C. Temperli**, and F. Frutig. 2021. Beurteilung der Holzerntesysteme und der Walderschliessung in der Schweiz: neue Produkte. *Schweizerische Zeitschrift für Forstwesen* 172:268–277.
- Temperli, C.**, and C. Blattert. 2021. Waldleistungen und Störungsanfälligkeit: eine modellbasierte Multikriterienanalyse. *Schweizerische Zeitschrift für Forstwesen* 172:300–309.
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- Temperli, C.**, B. Allgaier Leuch, C. Düggelin, C. Fischer. 2024. Management for non-wood ecosystem services in Swiss Forests. 26th IUFRO World Congress, Stockholm, Sweden. Talk
- Temperli, C.**, C. Blattert, G. Stadelmann, R. Lemm, U-B. Brändli and E. Thürig. 2019. Trade-offs and synergies between disturbance predisposition and ecosystem services in Swiss forests. A century of NFI - informing past, present and future decisions, Sundvolden, Norway. Lightning talk
- Temperli, C.**, G. Stadelmann, E. Thürig, P. Brang. 2017. Balancing timber mobilization and habitat tree retention in mixed broadleaf-conifer forests: an inventory-based scenario analysis. IUFRO 125th Anniversary Congress 2017. Freiburg im Breisgau, Germany. Talk
- Temperli, C.**, G. Stadelmann, E. Thürig, P. Brang. 2016. Waldbauliche Strategien für eine erhöhte Holznutzung im Gebirge. Forstwissenschaftliche Tagung FOWITA 2016, Freiburg im Breisgau. Germany, Talk.
- Temperli, C.**, T. T. Veblen, S. J. Hart, D Kulakowski and A. Tepley. 2014. Interactions among spruce beetle disturbance, climate change and forest dynamics. 14th IUFRO World Congress, Salt Lake City, USA. Talk.
- Temperli, C.**, C. Elkin, and H. Bugmann. 2012. Sensitivity of forest ecosystem projections to data on current forest state. International conference: Tackling climate change: the contribution of forest scientific knowledge, Tours, France. Poster.
- Temperli, C.**, C. Elkin, and H. Bugmann. 2012. Bark beetle disturbance under climate change. Swiss Global Change Day 2012, Bern, Switzerland. Poster.
- Temperli, C.**, C. Elkin, A. Trasobares, and H. Bugmann. 2011. Landscape scale modeling of adaptive forest management for multiple ecosystem goods and services under climate change. 12th EEF Congress, Avila, Spain. Invited talk.

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Temperli, C., C. Elkin, A. Trasobares, and H. Bugmann. 2010. Assessing trade-offs in adaptive forest management for multiple ecosystem goods and services under climate change using landscape scale modeling. UIFRO Landscape ecology conference, Braganca, Portugal. Talk.