

Dr. Bettina Geiken - List of Publications

Blog Posts & Online Articles

Geiken, B. (2025, July 30). *Learnings from Online Colloquium 80 – Exploring coherence*. IFIS Freiburg.

<https://www.ifis-freiburg.de/en/2025-08/learnings-online-colloquium-80-exploring-coherence>

Geiken, B. (2025, August 14). *Creating Islands of Coherence: Transformation Intensive and the Power of Inner Transformation*. IFIS Freiburg.

<https://www.ifis-freiburg.de/en/2025-08/creating-islands-coherence-transformation-intensive-and-power-inner-transformation>

Geiken, B. (2025, August 15). *Communities of Coherence and the Necessity of Frustration Tolerance*. IFIS Freiburg.

<https://www.ifis-freiburg.de/en/2025-08/communities-coherence-and-necessity-frustration-tolerance>

Geiken, B. (2025, August 22). *Body-Mindedness: An Online-Live learning journey on Personal Coherence*. IFIS Freiburg.

<https://www.ifis-freiburg.de/en/2025-08/body-mindedness-online-live-learning-journey-personal-coherence>

Geiken, B. (2025, August 28). *Exploring (in)coherence in communities of change agents using Sensemaker®: What "outliers" reveal about a system*. IFIS Freiburg.

<https://www.ifis-freiburg.de/2025-08/exploring-incoherence-communities-change-agents-using-sensemakerr-what-outliers-reveal>

Geiken, B. (2025, August 29). *Why Body-Mindedness Matters – A Learning Essay*. IFIS Freiburg.

<https://www.ifis-freiburg.de/en/2025-08/why-body-mindedness-matters-learning-essay>

Geiken, B. (2025, August 30). *Cohere+ Project finalised: Delightful co-creation – Amazing results – Meaningful relations*. IFIS Freiburg.

<https://www.ifis-freiburg.de/en/2025-08/cohere-project-finalised-delightful-co-creation-amazing-results-meaningful-relations>

Geiken, B. (2022, October 21). *Coherence matters! Mapping a new paradigm quality*. IFIS Freiburg.
<https://www.ifis-freiburg.de/2022-05/coherence-matters-mapping-new-paradigm-quality>

Geiken, B. (2024, September 30). *First version Cohere+ "Guide of Communities of Coherence"* (co-authored with Claudine Villemot Kienzle). Totally Thriving. <https://totallythriving.online/coherence-guide/>

Geiken, B. (2020, May 27). *Coherence vs Alignment: Complexity, a mostly unexplored opportunity*. LinkedIn.
<https://www.linkedin.com/pulse/complexity-mostly-unexplored-opportunity-beta-geiken-phd/>

Geiken, B. (2019, September 24). *Why work with values and not only with behaviours*. LinkedIn.
<https://www.linkedin.com/pulse/why-work-values-only-behaviours-oscar-vega/>

Geiken, B. (2019, March 20). *Intuition als Navigationssystem für Komplexität*. Social Architect.
<https://socialarchitect.de/intuition-als-navigationssystem-fuer-komplexitaet/>

Geiken, B. (2006). *Application of the Integral framework*. Slideshare.
<https://www.slideshare.net/slideshow/integral-framework-application-a-practical-example/11796721>

Book Chapters (Co-Authored)

Fein, E., Geiken, B., Mensch, I., Biddlecome, L., & Villemot-Klenze, C. (2025). Deepcasting the IDGs: Exploring the cross-dimensional quality of coherence. In *From "We" to "Systems Change"* (Vol. 2). De Gruyter.
<https://www.degruyter.com/document/isbn/9783111453729/html>

Geiken, B., Caspari, A., & Smith, B. (2023). Complexity science for new politics in theory and practice. In E. Fein (Ed.), *Foundations, Principles and Inspirational Resources of Integral Politics* (Chapter 8). Tredition.
https://shop.tredition.com/booktitle/Foundations_Principles_and_Inspirational_Resources_of_Integral_Politics/W-315-697-090

Geiken, B., Caspari, A., Smith, B., & Doyle, L. (2022). *Sense-Making for Society: Study report on good and emergent practices using the SenseMaker® tool.* LIFT 3.0 Politics (Project publication).
<https://leadership-for-transition.eu/study-paper-best-practices-for-using-the-sensemaker-tool-in-political-contexts/>

Fein, E., Aasprong, M. L., Geiken, B., Hörberg, P., Kunze, I., Molz, M., & Reams, J. (2018). *LIFT 2.0 Methods Book: Designing and facilitating Collaboratories.* Leadership for Transition 2.0 (Project publication).
<https://leadership-for-transition.eu/intellectual-output-n-2-lift-methods-book-designing-and-facilitating-collaboratories/>

Geiken, B., Kunze, I., Fein, E., et al. (2018). *Case Almedalen.* In *LIFT 2.0 Case Book – Hosting Collaboratories: Insights and learnings from different cases.* Leadership for Transition 2.0 (Project publication).
https://leadership-for-transition.eu/wp-content/uploads/2018/08/4_Almedalen_final.pdf

Geiken, B., Kunze, I., Fein, E., et al. (2018). *Case Sibenik.* In *LIFT 2.0 Case Book – Hosting Collaboratories: Insights and learnings from different cases.* Leadership for Transition 2.0 (Project publication).
https://leadership-for-transition.eu/wp-content/uploads/2018/10/8_Shebenik_final.pdf

Other Posts

[EU - Projects - Decentralised cooperation \(outside project reports\)](#)

Maalouf, E., Caspari, A. & Geiken, B., (2009). *Introducing Integral Thinking, Design and Application to Syria - EU Medpact Programme - Project Report (SHAMS).* Center for Human Emergence Middle East.
<https://www.humanemergencemiddleeast.org/meshworks-syria.php>

Firus, K., Geiken, B., & La Torre, F. (2001). *Towards cleaner production in the Mediterranean: A guidance report for Italian initiatives.* ANPA – Agenzia Nazionale per la Protezione dell'Ambiente.
https://www.google.de/books/edition/Towards_cleaner_production_in_the_Mediterranean/sEJJNAAACAAJ

Online/ Magazine Articles (No Longer Active)

Geiken, B. (2012). *Decentralised cooperation and «Lessons learned» from EU-projects in the Euro-Mediterranean region.* Europe Today Online Magazine, European Academy of Taxes, Economics and Law.

Geiken, B. (1997-1998). *Articles in the magazine for Local Authorities “Comuni in Rete” on European Projects, Funding, and Sustainable Development.* Comuni in Rete, Ancitel.

Other

Geiken, B. (2021). *Die Blauglöckchen Fee: Eine Geschichte aus dem Verzauberten Wald.* Amazon.

<https://www.amazon.de/Die-Blauglöckchen-Fee-Geschichte-Verzauberten/dp/150783828X>

Geiken, B. (2013). *Projet Greenov Award 2013; Nomination for Belgium Energy and Environment Award 2011.* Google Drive.

<https://drive.google.com/file/d/0B212UFB8Q8-NOTMzY1NmRWtWR00/view?resourcekey=0-9ifo2AZftsyFg64U7Eu7ng>

Scientific publications

Geiken, B., Masojídek, J., Rizzuto, M., Pompili, M. L. & Giardi (1998). Incorporation of [³⁵S]methionine in higher plants reveals that stimulation of the D1 reaction centre II protein turnover accompanies tolerance to heavy metal stress. *Plant, Cell & Environment*, 21(12), 1265-1273
<https://doi.org/10.1046/j.1365-3040.1998.00361.x>

Giardi, M. T., Geiken, B., & Cona, A. (1997). D-1 protein turnover and sensitivity of higher plants to photosystem II-directed herbicides. In *Weed and crop resistance to herbicides* (pp. 131–136).
https://doi.org/10.1007/978-94-011-5538-0_14

Giardi, M. T., Cona, A., Geiken, B., Kučera, T., Masojídek, J., & Mattoo, A. (1996). Long-term drought stress induces structural and functional reorganization of photosystem II. *Planta*, 199(1), 118–125.
<https://doi.org/10.1007/BF00196888>

Cona, A., Kučera, T., Masojídek, J., Geiken, B., Mattoo, A., & Giardi, M. T. (1995). Long-term drought stress symptom: Structural and functional reorganization of photosystem II. In *Photosynthesis: From light to biosphere* (pp. 3485–3488). <https://link.springer.com/book/9789401065627>

Geiken, B., Cona, A., Giardi, M. T., & Mattoo, A. (1995). Phosphorylation of PSII core in relation to D1 turnover in higher plants. In *Photosynthesis: From light to biosphere* (pp. 475–478).
<https://link.springer.com/book/9789401065627>

Giardi, M. T., Cona, A., & Geiken, B. (1995). Photosystem II core phosphorylation heterogeneity and the regulation of electron transfer in higher plants: A review. *Bioelectrochemistry and Bioenergetics*, 38(1), 153–160. [https://doi.org/10.1016/0302-4598\(95\)01819-Z](https://doi.org/10.1016/0302-4598(95)01819-Z)

Cona, A., Giardi, M. T., & Geiken, B. (1995). The biochemical response at the level of D1 turnover as a general-stress syndrome in higher plants. *Plant Biosystems*, 129(2), 101–108. <https://doi.org/10.1080/11263509509440955>

Geiken, B., Cona, A., & Giardi, M. T. (1995). Dynamics of Photosystem II core phosphorylation heterogeneity. *Plant Biosystems*, 129(2), 89–99.
<https://doi.org/10.1080/11263509509440936>

Giardi, M. T., Geiken, B., & Cona, A. (1995). Is D-1 protein turnover involved in the resistance to herbicides in higher plants? *Plant Biosystems*, 129(2), 117–124. <https://doi.org/10.1080/11263509509440957>

Geiken, B. (1994). *Struktur-Funktionsbeziehungen im Photosystem II aus höheren Pflanzen und Lichtregulation des Proteinumsatzes* (Doctoral dissertation, Technical University Berlin). Shaker. ISBN: 9783861118497 https://www.google.de/books/edition/Struktur_Funktionsbeziehungen_im_Photosy/GmpMAAAACAAJ

Irrgang, K. D., Geiken, B., Lange, B., & Renger, G. (1992). Disulfide bridge modifiers and sulfhydryl group blockers are inactivating the oxygen evolving enzyme of PSII from spinach. In N. Murata (Ed.), *Research in photosynthesis: Volume II. Proceedings of the IXth International Congress on Photosynthesis, Nagoya, Japan, August 30–September 4, 1992* (417–420). <https://www.cabidigitallibrary.org/doi/full/10.5555/19940701052>

Eckert, H. J., Liu, B., Geiken, B., Eichler, H. J., & Renger, G. (1994). Photoinactivation of the electron transfer through photosystem 2 as studied by time-resolved flash absorption spectroscopy. *Photolythetica* 27 (3), 355-368. <https://www.cabidigitallibrary.org/doi/full/10.5555/19940701178>

Geiken, B., Critchley, C., & Renger, G. (1992). The turnover of photosystem II reaction centre proteins as a function of light. *Photosynthesis Research*, 33(2), 643-646. <https://www.cabidigitallibrary.org/doi/full/10.5555/19940708238>

Geiken, B., Critchley, C., Bolhàr-Nordenkamp, H. R., & Renger, G. (1992). Synthesis of the photosystem 2 core proteins D2, CP43, and CP47 as a function of irradiance. *Photolythetica*, 27 (1), 201-206 <https://www.cabidigitallibrary.org/doi/full/10.5555/19930769360>

Eckert, H. J., Geiken, B., Bernarding, J., Napiwotzki, A., & Renger, G. (1991). Two sites of photoinhibition of the electron transfer in oxygen evolving and Tris-treated PS II membrane fragments from spinach. *Photosynthesis Research*, 27(3), 97–108. <https://doi.org/10.1007/BF00033249>

Eckert, H. J., Geiken, B., Bernarding, J., & Napiwotzki, A. (1990). Effects of photoinhibition on the turnover of P680 in oxygen evolving and Tris-treated PS-II-membrane fragments from spinach. *Current Research in Photosynthesis*, 1333-1336. https://doi.org/10.1007/978-94-009-0511-5_307.