

# CURRICULUM VITAE

## Dr. Gesa Geißler

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**Research interests:** environmental assessment (strategic environmental assessment, environmental impact assessment), environmental planning, planning methods & tools, (environmental) planning in socio-environmental transitions (energy, mobility, agriculture), public participation & access to information, digitalization in environmental planning and assessment

## Publications

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## Publications in press

**Geißler G**, Dahmen M, Köppel J (in press): Strategic Environmental Assessment in the Energy Sector. In: Fischer TB and Gonzalez A (eds.). Strategic Environmental Assessment. Edward Elgar Research Handbooks of Impact Assessment Series.

**Geißler G**, Grimm M (in press): Constellations in Environmental Assessment. In: Morrison-Saunders A, Pope J (eds.). Teaching Impact Assessment. Edward Elgar Publishers.

## Published Peer-Reviewed Articles

**Geißler G**, Rehausen A, Fischer T, Hanusch M (2019): Effectiveness of strategic environmental assessment in Germany? – meta-review of SEA research in the light of effectiveness dimensions. *Impact Assessment and Project Appraisal*, 4 (2): 1–14.

Grimm M, Köppel J, **Geißler G** (2019): A Shift Towards Landscape-Scale Approaches in Compensation - Suitable Mechanisms and Open Questions. *Impact Assessment and Project Appraisal*, 47(3): 1–12.

Biehl J, Köppel J, Rodorff V, Huesca Pérez M E, **Geißler G**, Rehhausen A (2019): Implementing Strategic Environmental Assessment in emerging countries – an analysis within the Peruvian context. *Environmental Impact Assessment Review*, 77, 23–39.

Rehhausen A, Köppel J, Scholles F, Stemmer B, Syrbe R-U, Magel I, **Geißler G**, Wende W (2018): Quality of federal level strategic environmental assessment – A case study analysis for transport, transmission grid and maritime spatial planning in Germany. *Environmental Impact Assessment Review* 73: 41–59.

Günther M, **Geißler G**, Köppel J (2017): Many roads may lead to Rome: Selected features of quality control within environmental assessment systems in the US, NL, CA, and UK. *Environmental Impact Assessment Review*, 62: 250-258.

- Gartman V., Bulling, L., Dahmen, M., **Geißler, G.**, Köppel, J. (2016): Mitigation Measures for Wildlife in Wind Energy Development, Consolidating the State of Knowledge-Part 1: Planning and Siting, Construction. *Journal of Environmental Assessment Policy and Management*, 18 (3): 1650013-1-45.
- Gartman V, Bulling L, Dahmen M, **Geißler G**, Köppel J (2016): Mitigation Measures for Wildlife in Wind Energy Development, Consolidating the State of Knowledge-Part 2: Operation, Decommissioning. *Journal of Environmental Assessment Policy and Management*, 18 (3): 1650014-1-31.
- Köppel J, **Geißler G** (2015). Environmental Assessment Research in Germany: Retrospect and Prospect. *Journal of Environmental Assessment Policy and Management* 17(1): 1550010-1 – 7.
- Geißler G** 2013. Strategic Environmental Assessments for Renewable Energy Development - comparing the United States and Germany. *Journal of Environmental Assessment Policy and Management* 15(2): 1340003-1 – 1340003-31.
- Geißler G**, Köppel J, Gunther P 2013. Wind Energy and Environmental Impact Assessments - a hard look at two forerunners' approaches: Germany and the United States. *Renewable Energy* 51: 71–78.
- Köppel J, **Geißler G**, Helfrich J, Reiser J 2012. A snapshot of Germany's EIA approach in light of the United States archetype. *Journal of Environmental Assessment Policy and Management* 14(4): 1250022-1-1250022-21.

### Book Chapters

- Weber J, Köppel J, **Geißler G** (2020): Best-Available-Science/Information-Mandat – evidenzbasierter Artenschutz in den USA. In: Voigt C. (eds) *Evidenzbasierter Fledermausschutz in Windkraftvorhaben*. Springer Spektrum, Berlin, Heidelberg. 147-160.
- Köppel, J., Biehl, J., Dahmen, M., **Geißler, G.**, Portman, M. E. (2019): Perspectives on marine spatial planning. In: Perrow M. R. (eds): *Wildlife and Wind Farms, Conflicts and Solutions*. Volume 4. Pelagic Publishing: Exeter. 281–317.
- Geißler G**, Odparlik L, Gunther M, Rehhausen A, Köppel J (2016): (Strategische) Umweltprüfung im internationalen Vergleich. In: Mitschang, S (eds.). *UPDATE: Aktuelle Anforderungen des Umweltschutzes in der Bauleitplanung*. Internationaler Verlag der Wissenschaften: Frankfurt am Main. 157–186.
- Köppel J, Rehhausen A, **Geißler G** (2016): Wie strategisch ist die Umweltprüfung in Raumordnung und Bauleitplanung?. In: Mitschang, S (eds.) *UPDATE: Aktuelle Anforderungen des Umweltschutzes in der Bauleitplanung*. Internationaler Verlag der Wissenschaften: Frankfurt am Main. 9–21.

### Other Publications

- Hartlik J, Hanusch M, Biehl J, **Geißler G** (2020): Peru-Aktivitäten der UVP-Gesellschaft e.V. im Jahr 2019. *UVP-report*, 34(1).
- Scholles F, Jacobsen M, Albrecht J, Bohl J, **Geißler G**, Hanusch M, Hartlik J, Jacoby C, Kuttenekeuler C, Rehhausen A, Weiland U (2019): Zukunftsfit mit Umweltprüfung - neues Recht und neue Handlungsfelder. Einführung und Überblick über den 14. UVP-Kongress 2018. *UVP-report*, 33 (1): 2–26
- Köppel J, **Geißler G**, Rehhausen A, Wende W, Albrecht J, Syrbe R.-U, Magel I, Scholles F, Putschky M, Hoppenstedt A, Stemmer B (2018): *Strategische Umweltprüfung und (neuartige) Pläne und Programme auf Bundesebene – Methoden, Verfahren und Rechtsgrundlagen*. UBA Texte 81/2018.
- Rehhausen A, Günther M, Odparlik L, **Geißler G**, Köppel J, Hachtmann M, Wood KR, Schniete D, Schuster L, Grimm M (2018): *Internationale Trends der UVP- und SUP-Forschung und -Praxis*. UBA Texte 82/2018.
- Köppel J, Günther M, Geißler G, Grimm M, Möller-Lindenhof T (2018): 'The Right to Know' – zur Einführung von UVP-Portalen in Deutschland. *UVP-report* 32 (1): 24-33.

- Köppel J, Geißler G, Rehhausen A, Sprondel NF (2018): Internationale Trends der UVP/SUP-Forschung und – Praxis. UVP-report 32 (1): 34-44.
- Günther M, **Geißler G**, Köppel J (2017): Internationale Fallbeispiele zur Qualitätssicherung in der Umweltprüfung. UVP-report.
- Biehl J, Bulling L, Gartman V, Weber J, Dahmen M, **Geißler G**, Köppel J (2017): Vermeidungsmaßnahmen bei Planung, Bau und Betrieb von Windenergieanlagen - Synoptische Auswertungen zum Stand des Wissens. Naturschutz und Landschaftsplanung 49 (2): 63–72.
- Rehhausen A, Albrecht J, **Geißler G**, Hoppenstedt A, Köppel J, Magel I, Scholles F, Stemmer B, Syrbe R-U, Wende W (2015). SUP-Qualitätskriterien: Ansprüche an eine Strategische Umweltprüfung. UVP-report, 29 (2): 96–113.
- Geißler G**, Rehhausen A (2014): Wie strategisch ist die SUP? Zur SUP-Anwendung in Deutschland und den USA. UVP-report 3+4.
- Köppel J, Burchartz L, Gartman V, **Geißler G**, Günther M, Odparlik LF, Rehhausen A, Schuster L, Stamenkovic M, Wood K (2014): Forschungsfragen an die deutsche Umweltprüfungs-Arena aus der Vogelperspektive. UVP-report 3+4.
- Geißler G**, Reiser J, Köppel J 2012. Editorial - Environmental Impacts of Direct Democracy. UVP-report, 5/2012.
- Geißler G** 2012. Bürger- und Volksentscheide beim Ausbau der erneuerbaren Energien in Deutschland. UVP-report, 5/2012.
- Odparlik LF, Köppel J, **Geißler G** 2012. The grass is always greener on the other side: der Zugang zu Umweltprüfungs-Dokumenten in Deutschland im internationalen Vergleich. UVP-report.
- Geißler G**, Köppel J 2012. Upside down – Weiterentwicklung von US-amerikanischen Konzepten zur naturhaushaltlichen Kompensation (Wetland Mitigation and Conservation Banking). Naturschutz und Landschaftsplanung 44 (11).
- Lüdeke J, **Geißler G**, Köppel J 2012. Der neue Offshore-Netzplan zur Regelung der Anbindung von Offshore Windparks. Analyse und Diskussion der Prüfung seiner Umweltauswirkungen. UVP-report 26 (3+4), 183-190.
- Geißler G**, Köppel J, Odparlik LF 2011. Addressing Greenhouse Gas Emissions in Environmental Impact Assessments – The Discursive Making of Guidance in the United States. UVP-report 25 (4): 215-221.
- Kleinschmit B, **Geißler G**, Leutloff H 2011. Sozialräumliche Verteilung der Freiflächenversorgung in Berlin (Socio-spatial distribution of green spaces in Berlin) UMID: Umwelt und Mensch – Informationsdienst (2): 33–35.
- Kleinschmit B, **Geißler G**, Ahrberg R. 2011. Sozialräumliche Verteilung der bioklimatischen Bewertung in Berlin (Socio-spatial distribution of bioclimatic conditions in Berlin) UMID: Umwelt und Mensch – Informationsdienst (2): 36–38.
- Köppel J, **Geißler G** 2010. Umweltprüfungen an der TU Berlin. UVP-report, 24 (5): 206–209.
- Geißler G**, Kleinschmit B, Ahrberg R, Erdenetsogt B, Heimann Y, Heinsch L, Hensel L, Herff T, Janke J, Kaufmann P, Kothe M, Leutloff H, Manzke A, Rehhausen A, Schramm S, Töpfer S, Unger S, Wisniewski B 2010. Environmental Justice in Berlin: GIS-Based Method Determining an Aggregated Index for Urban Planning. In: SCHRENK, M. and POPOVICH, V. and ZEILE, P. [Ed.]. REAL CORP 2010 - Cities for everyone: Liveable, Healthy, Prosperous. Proceedings of the 15th International Conference on Urban Planning and Regional Development in the Information Society (CORP). Selbstverlag des Vereins CORP: Schwechat-Rannersdorf. 1083–1087.

## Conference & Workshop Contributions

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- Geißler G** 2020. Keynote: [Strategic Environmental Assessment's Untapped Potential](#). Conference Advances in European SEA & Strategic Planning, Virtual, 9-11 September 2020.
- Geißler, G** 2019. Implementación de la Evaluación Ambiental Estratégica en el sector de energía – experiencias en Alemania. Workshop on exchange of experiences and Training session on Strategic Environmental Assessment (SEA), Lima, Peru, 12-13 November 2019.
- Geißler, G, Höll, L, Köppel, J** 2019. Limitations of public and private governance responses to telecoupled socio-environmental impacts of natural gas trade. 4<sup>th</sup> International Conference on Public Policy (ICPP), Montreal/Canada, 25.6.-28.6.2019
- Geißler, G** 2018. SUP bei Plänen und Programmen des Bundes – Erfahrungen und Empfehlungen. UVP-Kongress, Goslar, 26.-28.9.2018.
- Geißler, G; Köppel, J; Rehhausen, A** 2018. Learning in German Maritime Spatial Planning and Strategic Environmental Assessment. Nordic-Baltic Impact Assessment Conference, Tallinn/Estonia, 30.9.-2.10.2018.
- Geißler, G; Rehhausen, A** 2018. German grid development – effects on SEA/EIA. Annual Conference of the International Association for Impact Assessment - IAIA18 Environmental Justice in Societies in Transition, Durban/South Africa, 16.-19.5.2018.
- Geißler, G** 2018. The reluctant modernization of the German EIA Law. EIALAW 2018 - How to combine streamlining with environmental effectiveness? – Sharing First Experiences with the New EIA Directive, Helsinki, 23.3.2018.
- Rehhausen, A, **Geißler, G** 2015. SEA-Application in Germany. Annual Conference of the International Association for Impact Assessment - IAIA15 Impact Assessment in the Digital Era, Florence, Italy on April 20-23, 2015.
- Geißler, G** 2015. Umweltprüfung im internationalen Vergleich. Tagung UPDATE: Aktuelle Anforderungen des Umweltschutzes in der Bauleitplanung - Fach- und Rechtsfragen der Stadt- und Regionalplanung, Berlin, March 22-23, 2015.
- Geißler, G, Rehhausen, A** 2014: Wie strategisch ist die SUP in Deutschland? SUP-Anwendungsbereich in Deutschland und den USA. 12. UVP-Kongress in Bad Honnef, September 29 - Oktober 1, 2014.
- Geißler, G.** 2013. Public involvement in wind power policy and project implementation via direct democracy. Conference on Wind Power and Environmental Impacts in Stockholm on February 5-7 2013.
- Geißler, G** 2012. Partizipation und Bürgerbeteiligung in den USA. 11. UVP-Kongress in Dresden, November 9-11, 2012.
- Geißler, G** 2012. Blick über den Tellerrand – internationale Ansätze zur Kompensation. Fachtagung Naturschutzrechtliche Eingriffsregelung und Bewertungsverfahren in Berlin, 4 June, 2012.
- Geißler, G** 2012. Lessons learned from US Renewable Energy SEAs. 32nd Annual Conference of the International Association for Impact Assessment - IAIA12 Energy Future: The Role of Impact Assessment, Porto, Portugal on 27 May - 1 June, 2012.
- Geißler, G** 2012. Renewable Energy Referenda in Germany. International Symposium on Environmental Impacts of Direct Democracy in Berlin, Germany on 21-23 March 2012.
- Geißler, G** 2012. Introduction to the Program and the Research Field. International Symposium on Environmental Impacts of Direct Democracy in Berlin, Germany on 21-23 March 2012.

**Geißler G**, Köppel J, Reisert J 2011. Hidden treasures overseas. Inspiring Lessons for Germany from SEA in the US – The Case of Renewable Energy Planning. Special Conference on Strategic Environmental Assessment - IAIA SEA Prague II 2011 from September 21-23, 2011.

Köppel J, **Geißler G** 2010. Balancing Climate and Biodiversity for Renewable Energy Projects in Germany and the United States. 16th International Symposium on Society and Resource Management (ISSRM) in Corpus Christi, Texas from June 6-10, 2010.

**Geißler G**, Kleinschmit B, Ahrberg R, Erdenetsogt B, Heimann Y, Heinsch L, Hensel L, Herff T, Janke J, Kaufmann P, Kothe M, Leutloff H, Manzke A, Rehhausen A, Schramm S, Töpfer S, Unger S, Wisniewski B 2010: Environmental Justice in Berlin: GIS-Based Method Determining an Aggregated Index for Urban Planning. 15th International Conference on Urban Planning and Regional Development in the Information Society (CORP) in Vienna, Austria from Mai 18-20, 2010.

Köppel J, **Geißler G** 2010. Wind Energy Policies and EA in Germany and the U.S.A. 30th Annual Conference of the International Association for Impact Assessment (IAIA) in Geneva, Switzerland from April 6-11, 2010.

**Geißler G** 2009. The Ballot Box - Threat or Blessing for Planning?. International Symposium on Society and Resource Management (ISSRM) in Vienna, Austria from July 5-9, 2009.

## **Organization of Conferences, Sessions and Workshops**

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Organizer and Chair of the virtual SEA Conference Advances in European SEA & Strategic Planning 2020, via Zoom, 9-11 September 2020 (<https://sea-conference.eu/>)

Co-Chair of the session “SEA’s role in restructuring energy systems for tomorrow’s energy landscape” (with Holmfrídur Bjarnadóttir, Iceland) at the SEA Conference Advances in European SEA & Strategic Planning 2020, via Zoom, 9-11 September 2020

Co-Organizer and Co-Chair GIZ-Workshop on exchange of experiences and training session on Strategic Environmental Assessment (SEA) (Taller de intercambio de experiencias y capacitación sobre evaluación ambiental estratégica (EAE)), Lima, Peru, 12-13 November 2019.

Chair of the Session „Schutzgut Fläche“ at the UVP-Kongress 2018, Goslar, September 2018

Organizer and Co-Chair of the Symposium „Internationale Synopse von Umweltauswirkungen auf die wildlebende Fauna durch die Windenergie“, BMWi/Berlin, November, 2015

Organizer and Co-Chair of the Symposium „Naturschutzrechtliche Eingriffsregelung und Bewertungsverfahren“, TU Berlin/Berlin, June 2012

Chair of the Session “Cumulative effects from renewable energy planning” at the 32. IAIA Conference 2012 in Porto/Portugal, May/June 2012

Organizer and Chair of the International Symposium on Environmental Impacts of Direct Democracy (Umweltrelevanz direktdemokratischer Entscheidungsprozesse), TU Berlin/Berlin, March 2012 (funded by the Fritz-Thyssen-Stiftung)

Conference „Wind Energy in Forests“ (Fachtagung BMU und DNR „Windenergie im Wald“): Moderation of Panel Discussion, 13 September 2011 in Berlin.