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Research

My overriding scholarly motivation is to advance social scientific knowledge on the global governance of transboundary challenges. Within this broad field, I am especially intrigued by the question of how societies can adequately deal with global common goods and which institutions need to be in place to overcome collective action problems, such as climate change, biodiversity loss, and land degradation, and promote the goal of global sustainability and peace.

My main research interests include multi-level governance dynamics in world politics, public and private authority in global sustainability politics, and the role of cities and transnational actors in climate policy.

Introduction

Thomas obtained his doctoral degree from the University of Potsdam in Germany and prior to joining the Department of Political Science at Lund University he worked at the Copernicus Institute of Sustainable Development of Utrecht University in the Netherlands.

Research outputs

SDGs at the halfway point: How the 17 global goals address risks and wicked problems

Pedersen, A. B., Hickmann, T., Renn, O., Eckert, N., Jax, K., Lepenies, R., Liu, H. Y., Lyytimäki, J., Reis, S. & Rusch, G., 2023 Apr, In: *Ambio*. 52, 4, p. 679-682 4 p.

Exploring Global Climate Policy Futures and Their Representation in Integrated Assessment Models

Hickmann, T., Bertram, C., Biermann, F., Brutschin, E., Kriegler, E., Livingston, J. E., Pianta, S., Riahi, K., Van Ruijven, B. & Van Vuuren, D., 2022 Sep, In: *Politics and Governance*. 10, 3, p. 171-185

Scientific Evidence on the Political Impact of the Sustainable Development Goals

Biermann, F., Hickmann, T., Sénit, C. A., Beisheim, M., Bernstein, S., Chasek, P., Grob, L., Kim, R. E., Kotzé, L. J., Nilsson, M., Ordóñez Llanos, A., Okereke, C., Pradhan, P., Raven, R., Sun, Y., Vijge, M. J., van Vuuren, D. & Wicke, B., 2022 Sep, In: *Nature Sustainability*. 5, 9, p. 795-800 6 p.

Implementation at Multiple Levels

Ordóñez Llanos, A., Raven, R., Bexell, M., Botchwey, B., Bornemann, B., Censoro, J., Christen, M., Díaz, L., Hickmann, T., Jönsson, K., Scholz, I., Scobie, M., Sun, Y., Thompson, J., Thwaites, J. & Yunita, A., 2022 Jul 31, *The Political Impact of the Sustainable Development Goals: Transforming Governance Through Global Goals?* Biermann, F., Hickmann, T. & Sénit, C-A. (eds.). Cambridge University Press, p. 59-91 3

Assessing the Impact of Global Goals: Setting the Stage

Biermann, F., Hickmann, T. & Sénit, C. A., 2022, *The Political Impact of the Sustainable Development Goals: Transforming Governance Through Global Goals?* Biermann, F., Hickmann, T. & Sénit, C-A. (eds.). Cambridge:

Cambridge University Press, p. 1-21 21 p.

Compound Urban Crises

Westman, L., Patterson, J., Macrorie, R., Orr, C. J., Ashcraft, C. M., Castán Broto, V., Dolan, D., Gupta, M., van der Heijden, J., Hickmann, T., Hobbins, R., Papin, M., Robin, E., Rosan, C., Torrens, J. & Webb, R., 2022, In: *Ambio*. 51, 6, p. 1402-1415

Democratising Sustainability Transformations: Assessing the Transformative Potential of Democratic Practices in Environmental Governance

Pickering, J., Hickmann, T., Bäckstrand, K., Kalfagianni, A., Bloomfield, M., Mert, A., Ransan-Cooper, H. & Lo, A. Y., 2022, In: *Earth System Governance*. 11, 100131.

Herausforderung Nachhaltigkeitstransformation: Mehr Politikwissenschaft wagen!

Hickmann, T., Lederer, M., Marquardt, J., Radtke, J., Schwindenhammer, S. & Weiland, S., 2022, *Wie relevant ist die Politikwissenschaft?: Wissenstransfer und gesellschaftliche Wirkung von Forschung und Lehre*. Bergem, W. & Schöne, H. (eds.). Berlin: Springer, p. 143-159 17 p.

Institutional Interplay in Global Environmental Governance: lessons learned and future research

Elsässer, J. P., Hickmann, T., Jinnah, S., Oberthür, S. & Van de Graaf, T., 2022, In: *International Environmental Agreements: Politics, Law and Economics*. 22, 2, p. 373-391

Interlinkages, Integration and Coherence

Nilsson, M., Vijge, M. J., Lobos Alva, I., Bornemann, B., Fernando, K., Hickmann, T., Scobie, M. & Weiland, S., 2022, *The Political Impact of the Sustainable Development Goals: Transforming Governance Through Global Goals?*. Cambridge: Cambridge University Press, p. 92-115 23 p.

Methods for Analysing Steering Effects of Global Goals

Pradhan, P., Van Vuuren, D. P., Wicke, B., Bogers, M., Hickmann, T., Kalfagianni, A., Leininger, J., Di Lucia, L., van Soest, H., Warchold, A. & Zimm, C., 2022, *The Political Impact of the Sustainable Development Goals: Transforming Governance Through Global Goals?*. Biermann, F., Hickmann, T. & Sénit, C-A. (eds.). Cambridge: Cambridge University Press, p. 172-203 32 p.

Success factors of global goal-setting for sustainable development: Learning from the Millennium Development Goals

Hickmann, T., Biermann, F., Spinazzola, M., Ballard, C., Bogers, M., Forestier, O., Kalfagianni, A., Kim, R. E., Montesano, F. S., Peek, T., Sénit, C. A., van Driel, M., Vijge, M. J. & Yunita, A., 2022, (E-pub ahead of print) In: *Sustainable Development*.

The Influence of the Corona Virus Pandemic on Sustainable Development Goal 13 and United Nations Framework Convention on Climate Change Processes

Leal Filho, W., Hickmann, T., Nagy, G., Pinho, P., Sharifi, A., Minhas, A., Islam, M. R., Djalanti, R., Carcia Vinuesa, A. & Rimi Abubakar, I., 2022, In: *Frontiers in Environmental Science*. 10, 784466, p. 1-13 13 p., 784466.

The Political Impact of the Sustainable Development Goals: Transforming Governance through Global Goals?

Biermann, F. (ed.), Hickmann, T. (ed.) & Sénit, C. A. (ed.), 2022, Cambridge: Cambridge University Press. 246 p.

The Study of Global Environmental Politics: Strategies for Research and Learning

Allison, J. E. & Hickmann, T., 2022, *Handbook of Global Environmental Politics*. Harris, P. (ed.). London: Routledge, p. 60-73 14 p.

The Sustainable Development Goals as a Transformative Force? Key Insights

Biermann, F., Hickmann, T. & Sénit, C. A., 2022, *The Political Impact of the Sustainable Development Goals: Transforming Governance Through Global Goals?*. Biermann, F., Hickmann, T. & Sénit, C-A. (eds.). Cambridge: Cambridge University Press, p. 204-226 22 p.

Das Verhältnis von Nichtregierungsorganisationen und privaten Unternehmen in der globalen Umwelt-, Menschenrechts- und Sicherheitspolitik

Hickmann, T. & Prem, B., 2021, In: Zeitschrift für Politikwissenschaft. 31, 2, p. 193-216 24 p.

Digital Sustainability Education: Potential, Development Trends and Good Practices

Schwindenhammer, S., Strobehn, K., Breitmeier, H., Hickmann, T., Lederer, M., Marquardt, J. & Weiland, S., 2021, 44 p.

Locating Cities and their Governments in Multi-Level Sustainability Governance

Hickmann, T., 2021, In: Politics and Governance. 9, 1, p. 211-220 10 p.

Multilevel Climate Governance in Brazil and Indonesia: Domestic Pioneers and Leadership in the Global South

Lederer, M., Höhne, C., Stehle, F., Hickmann, T. & Fuhr, H., 2021, *Climate Governance across the Globe: Pioneers, Leaders and Followers*. Wurzel, R., Skou Andersen, M. & Tobin, P. (eds.). London: Routledge, p. 101-119 20 p.

Simulating International Climate Negotiations in Classrooms

Hickmann, T., 2021, In: Scholarship and Practice of Undergraduate Research. 5, 1, p. 29-30 2 p.

Ten New Insights in Climate Science 2020: A Horizon Scan

Pihl, E., Alfredsson, E., Bengtsson, M., Bowen, K. J., Cástan Broto, V., Chou, K. T., Cleugh, H., Ebi, K., Edwards, C. M., Fisher, E., Friedlingstein, P., Godoy-Faúndez, A., Gupta, M., Harrington, A. R., Hayes, K., Hayward, B. M., Hebden, S. R., Hickmann, T., Hugelius, G., Ilyina, T., & 37 others Jackson, R. B., Keenan, T. F., Lambino, R. A., Leuzinger, S., Malmaeus, M., McDonald, R. I., McMichael, C., Miller, C. A., Muratori, M., Nagabhatla, N., Nagendra, H., Passarello, C., Penuelas, J., Pongratz, J., Rockström, J., Romero-Lankao, P., Roy, J., Scaife, A. A., Schlosser, P., Schuur, E., Scobie, M., Sherwood, S. C., Sioen, G. B., Skovgaard, J., Sobenes Obregon, E. A., Sonntag, S., Spangenberg, J. H., Spijkers, O., Srivastava, L., Stammer, D. B., Torres, P. H. C., Turetsky, M. R., Ukkola, A. M., Van Vuuren, D. P., Voigt, C., Wannous, C. & Zelinka, M. D., 2021, In: Global Sustainability. 4, e5, p. 1-18 18 p., e5.

The 2030 Agenda for Sustainable Development: Transformative Change through the Sustainable Development Goals?

Weiland, S., Hickmann, T., Lederer, M., Marquardt, J. & Schwindenhammer, S., 2021, In: Politics and Governance. 9, 1, p. 90-95 6 p.

The UNFCCC Secretariat as an Orchestrator in Global Climate Policy-Making

Hickmann, T., Lederer, M., Pattberg, P. & Widerberg, O., 2021, In: International Review of Administrative Sciences. 87, 1, p. 21-38 18 p.

Mehr Engagement der Politikwissenschaft in der Anthropozän-Debatte

Hickmann, T., Partzsch, L., Pattberg, P. & Weiland, S., 2020 Dec, In: Politische Vierteljahresschrift. 61, 4, p. 659-670 12 p.

A Multi-Level Governance Perspective on Urban Climate Politics in Emerging Economies

Stehle, F., Hickmann, T., Lederer, M. & Höhne, C., 2020, (E-pub ahead of print) In: Urbanisation.

Die Agenda 2030 für nachhaltige Entwicklung: Eine Zwischenbilanz

Hickmann, T., Lederer, M., Marquardt, J., Schwindenhammer, S. & Weiland, S., 2020, WeltTrends, 165, p. 20-26 7 p.

Globale Ziele ohne Wirkung oder normative Leitplanken?

Biermann, F. & Hickmann, T., 2020, Zeitschrift Vereinte Nationen, p. 195-200 6 p.

Institutional Interlinkages

Hickmann, T., van Asselt, H., Oberthür, S., Sanderink, L., Widerberg, O. & Zelli, F., 2020, *Architectures of Earth System Governance: Institutional Complexity and Structural Transformation*. Biermann, F. & Kim, R. E. (eds.). Cambridge: Cambridge University Press, p. 119-136 38 p.

Leidenschaft und Augenmaß: Sozialwissenschaftliche Perspektiven auf Entwicklung, Verwaltung, Umwelt und Klima – Festschrift für Harald Fuhr

Hickmann, T. (ed.) & Lederer, M. (ed.), 2020, Baden Baden: Nomos. 305 p.

Nachhaltig bis 2030? Die Agenda der Vereinten Nationen

Hickmann, T., Lederer, M., Marquardt, J., Schwindenhammer, S. & Weiland, S., 2020, *WeltTrends*, 165, p. 18-19 2 p.

New Alliances in Global Environmental Governance: How Intergovernmental Treaty Secretariats Interact with Non-State Actors

Hickmann, T. & Elsässer, J., 2020, In: *International Environmental Agreements: Politics, Law and Economics*. 20, 2, p. 459-481 23 p.

Visionärer Grenzgänger mit Leidenschaft, Eingebung und Augenmaß

Hickmann, T. & Lederer, M., 2020, *Leidenschaft und Augenmaß: Sozialwissenschaftliche Perspektiven auf Entwicklung, Verwaltung, Umwelt und Klima – Festschrift für Harald Fuhr*. Baden Baden: Nomos, p. 13-21 9 p.

Authority in World Politics

Hickmann, T., 2019, *Oxford Research Encyclopedia in International Studies*. Oxford University Press, (Oxford Research Encyclopedia in International Studies).

Conclusion: Towards a 'Deep Debate' on the Anthropocene

Hickmann, T., Partzsch, L., Pattberg, P. & Weiland, S., 2019, *The Anthropocene Debate and Political Science*. Taylor & Francis, p. 237-251 15 p.

Introduction: A Political Science Perspective on the Anthropocene

Hickmann, T., Partzsch, L., Pattberg, P. & Weiland, S., 2019, *The Anthropocene Debate and Political Science*. Taylor & Francis, p. 1-12 12 p.

Pathways to Urban Sustainability: How Science Can Contribute to Sustainable Development in Cities

Bansard, J., Hickmann, T. & Kern, K., 2019, In: *GAIA*. 28, 2, p. 112-118 7 p.

Promises and Risks of Nonstate Actions in Climate and Sustainability Governance

Chan, S., Boran, I., van Asselt, H., Iacobuta, G., Niles, N., Rietig, K., Scobie, M., Bansard, J., Delgado Pugley, D., Delina, L. L., Eichhorn, F., Ellinger, P., Enechi, O., Hale, T., Hickmann, T., Hermwille, L., Honegger, M., Hurtado Epstein, A., La Hoz Theuer, S., Mizo, R., & 3 othersSun, Y., Toussaint, P. & Wambugu, G., 2019, In: *Wiley Interdisciplinary Reviews: Climate Change*. 10, 3, p. 1-8 8 p., e572.

Städte und nachhaltige Entwicklung

Hickmann, T. & Bansard, J., 2019, *WeltTrends*, 148, p. 24-25 2 p.

The anthropocene debate and political science

Hickmann, T. (ed.), Partzsch, L. (ed.), Pattberg, P. (ed.) & Weiland, S. (ed.), 2019, Taylor & Francis. 260 p.

The Effects of Transnational Municipal Networks on Urban Climate Politics in the Global South

Stehle, F., Höhne, C., Hickmann, T. & Lederer, M., 2019, *Urban Climate Politics: Agency and Empowerment*. Cambridge University Press, p. 210-230 21 p.

The Embeddedness of Urban Climate Politics in Multilevel Governance: A Case Study of South Africa's Major Cities

Hickmann, T. & Stehle, F., 2019, In: *Journal of Environment and Development*. 28, 1, p. 54-77 23 p.

A Global Response to Climate Change: In, through, and for Cities?

Chan, S., Gordon, D., Lecavalier, E., Johnson, C., Hsu, A., Stehle, F., Hickmann, T., Bansard, J. & Romero-Lankao, P., 2018, *Duck of Minerva*.

Bridging the Resource Gap: Inter-Organizational Collaboration between the World Bank and Transnational City Networks

Harbrich, K. & Hickmann, T., 2018, In: *Journal of International Organizations Studies*. 9, 1, p. 61-80 20 p.

Global Political Economy and Development

Hickmann, T. & Lederer, M., 2018, *Global Environmental Politics: Concepts, Theories and Case Studies, Second Edition*. Taylor & Francis, p. 47-65 19 p.

REDD+ and the Reconfiguration of Public Authority in the Forest Sector: A Comparative Case Study of Indonesia and Brazil

Höhne, C., Fuhr, H., Hickmann, T., Lederer, M. & Stehle, F., 2018, *Global Forest Governance and Climate Change: Interrogating Representation, Participation, and Decentralization*. Nuesiri, E. O. (ed.). Basingstoke: Palgrave Macmillan, p. 203-241 39 p.

The Role of Cities in Multi-Level Climate Governance: Local Climate Policies and the 1.5°C Target

Fuhr, H., Hickmann, T. & Kern, K., 2018, In: *Current Opinion in Environmental Sustainability*. 30, p. 1-6 6 p.

The Role of Cities in South Africa's Energy Gridlock

Elsässer, J. P., Hickmann, T. & Stehle, F., 2018, In: *Case Studies in the Environment*. p. 1-7 7 p.

Von Gegnern zu Partnern? Zum Verhältnis von NGOs und Unternehmen in der internationalen Klimapolitik

Hickmann, T. & Prem, B., 2018, In: *Aus Politik und Zeitgeschichte*. p. 48-54 7 p.

Carbon Governance Arrangements and the Nation-State: The Reconfiguration of Public Authority in Developing Countries

Hickmann, T., Fuhr, H., Höhne, C., Lederer, M. & Stehle, F., 2017, In: *Public Administration and Development*. p. 331-343 13 p.

Globale Klimapolitik nach Paris

Hickmann, T., 2017, *Zeitschrift Vereinte Nationen*, p. 122-127 5 p.

How Global Climate Governance Initiatives Reconfigure Public Authority in Developing Countries

Fuhr, H., Hickmann, T., Höhne, C., Lederer, M. & Stehle, F., 2017, *Public Administration Review's Speak Your Mind Symposium on Climate Change and Public Administration*.

The Reconfiguration of Authority in Global Climate Governance

Hickmann, T., 2017, In: *International Studies Review*. 19, 3, p. 430-451 22 p.

Voluntary Global Business Initiatives and the International Climate Negotiations: A Case Study of the Greenhouse Gas Protocol

Hickmann, T., 2017, In: *Journal of Cleaner Production*. 169, p. 94-104 10 p.

Rethinking authority in global climate governance: How transnational climate initiatives relate to the international climate regime

Hickmann, T., 2016, Taylor & Francis. 204 p.

Transnationale Klimainitiativen und die internationalen Klimaverhandlungen

Fuhr, H. & Hickmann, T., 2016, In: *Zeitschrift für Umweltpolitik und Umweltrecht*. 39, p. 88-94 7 p.

Yvo de Boer, 3rd Executive Secretary of the United Nations Framework Convention on Climate Change (UNFCCC), 2006-2010

Hickmann, T. & Breuer, S., 2016, *IO BIO: BIOGRAPHICAL DICTIONARY SGs IOs: IO BIO, BIOGRAPHICAL DICTIONAL ORGANIZATIONS NARY OF SECRETARIES-GENERAL OF INTERNATIONAL ORGANIZATIONS*.

Zehn Erfahrungsberichte zur guten Lehre in den IB und ihre Diskussion durch DidaktikerInnen

Brühl, T., Geis, A., Folgmann, M., Gloe, M., Hanrieder, T., Herborth, B., Herschinger, E., Hickmann, T., Horz, H., Hülse, R., Kärger, C., Kruck, A., Lambach, D., Müller, M., Nielebock, T., Sauer, F., Stetter, S. & Zangl, B., 2016, In: *Zeitschrift für Internationale Beziehungen*. 23, 1, p. 135-160 25 p.

Science-Policy Interaction in International Environmental Politics: An Analysis of the Ozone Regime and the Climate Regime

Hickmann, T., 2014, In: Environmental Economics and Policy Studies. 16, 1, p. 21-44 24 p.

Private Authority in Global Climate Governance: The Case of the Clean Development Mechanism

Hickmann, T., 2013, In: Climate and Development. 5, 1, p. 46-54 9 p.

Das Verhältnis von Wissenschaft und Politik in internationalen Umweltregimen: Ein Vergleich der Regime zum Schutz der Ozonschicht und des Klimas

Hickmann, T., 2012, Potsdam: Universitätsverlag Potsdam.

Die richtungweisende Führungsrolle der Europäischen Union in der internationalen Klimapolitik

Hickmann, T., Jantz, J. & Lederer, M., 2011, *Europa als Inspiration und Herausforderung*. Potsdam: Universitätsverlag Potsdam, p. 63-85 23 p.