

DR. VANESSA MINDEN**PERSONAL DETAILS**

Contact Work	Landscape Ecology Group, University of Oldenburg Carl von Ossietzky-Straße 9-11 26111 Oldenburg, Germany Tel: +49 179 9648308 vanessa.minden@uni-oldenburg.de
Websites	www.vanessaminden.eu https://scholar.google.com/citations?user=_wIhZ30AAAAJ&hl=de www.researchgate.net/profile/Vanessa_Minden
Birth	14.04.1979, Saarlouis (Germany)
Languages	German, English, French (level B1)
Nationality	German
Gender	Female

EDUCATION AND ACADEMIC TRAINING

2006 – 2010	PhD at the University of Oldenburg, Germany Thesis title: Functional traits of salt marsh plants: responses of morphology- and elemental-based traits to environmental constraints, trait-trait relationships and effects on ecosystem properties (summa cum laude)
2005	Diploma thesis 'The effects of the invasion of <i>Hedychium gardnerianum</i> Ker.-Gaw. (Zingiberaceae) on the regeneration dynamics of a montane rainforest on the Island of Hawai'i'
2004	University of Hawai'i, USA Research in Hawai'i Volcanoes National Park (HAVO) with Dieter-Mueller Dombois (Univ. of Hawai'i at Manoa), Jim Jacobi (USGS) and Tim Tunison (HAVO)
1998 – 2005	University of Rostock, Germany Studies in Biology (Diplom). Major subject: Botany, minor subjects: Ecology, Plant Physiology, Philosophy

PROFESSIONAL EXPERIENCE

Currently	Assistant Professor, Landscape Ecology Group, University of Oldenburg & Guest researcher at Vrije Universiteit Brussel, Belgium
2016 – 2017	Research Fellow (DFG-Grant MI 1365/4-1), Title: Plant traits and species interactions along gradients of N:P:K stoichiometry, duration: 05.2016-04.2017 at Vrije Universiteit Brussel, Belgium
2011 - 2016	Assistant Professor (Akad. Rätin a. Z.), Landscape Ecology Group, University of Oldenburg
2011	Co-Coordinator of the COMTESS project

LIST OF THIRD-PARTY FUNDED PROJECTS (proposed value 1 411 952 €, granted value 272 300€, rejected 552 916€, submitted 586 736€)

- 2019 ,Transgenerational plasticity to nutrient stress in common, endangered and invasive plants.' Fonds Wetenschappelijk Onderzoek (FWO), position: Co-PI, status: submitted
- 2019 ,Responses of plant functional traits to the environment and their effects on species interactions and ecosystem functions.' German Research Foundation (DFG), position: PI, status: submitted
- 2018 ,Nutrient-induced adaptive transgenerational plasticity in common, endangered and invasive plant species – where ecology meets epigenetics.' Funding agency: European Commission-H2020, position: PI, funding amount: 166 320€, status: rejected
- 2018 'Spatial community ecology in highly dynamic landscapes: from island biogeography to metaecosystems (DynaCom)'. Funding agency: German Research Foundation (DFG), position: Co-PI, status: granted, total funding amount: 2 270 000€
- 2017 How do antibiotics affect plant communities and tritrophic interactions?' in Cooperation with Univ. of Freiburg and Wurzburg, Germany. Funding agency: German Research Foundation (DFG) (MI 1365/3-2), funding amount (for Univ. OL): 176 596, status: rejected
- 2016 Research Fellowship 'Plant traits and species interactions along gradients of N:P:K stoichiometry', in Cooperation with Univ. of Brussels, Belgium. Funding agency: German Research Foundation (DFG) (MI 1365/3-1), funding amount: 33.600 €, status: granted, completed
- 2015 'Tidal Bank Science and Services (tibass)', Coordination: Bundesamt für Gewässerkunde (BfG) Koblenz, Germany, in Cooperation with Univ. of Antwerp, Belgium. Funding agency: The German Federal Institute of Hydrology (BfG), funding amount: 206.700 €, status: granted, in progress
- 2015 'Effects of antiinfectives from manure on plant communities and plant-insect interactions', in Cooperation with Univ. of Freiburg and Wurzburg, Germany. Funding agency: German Research Foundation (DFG) (MI 1365/4-1), funding amount (for Univ. OL): 32.000 €. status: granted, completed
- 2013 'Plant-organ specific carbon and nutrient allocation in response to abiotic drivers and their effects on higher trophic levels in the Biodiversity Exploratories (ALLO)', Funding agency: German Research Foundation (DFG) (MI 1365/2-1), funding amount: 210.000 €, status: rejected

TEACHING

- Winter Terms Lecture '*Metabolic cycling in central-european vegetation*' ('Einführung in den Stoffhaushalt von Pflanzenbeständen Mitteleuropas'), BSc Environmental Sciences [Bodenkunde, Hydrologie und Ökosystem], 2SWS, module of 9KP
- Lecture/exercise course '*Introduction to statistical methods using vegetation-data*' ('Einführung in die statistische Analyse vegetationsökologischer Daten'), MSc Landscape Ecology [Datenmodellierung] , 2SWS, module of 9KP
- Seminar '*Milieustudie B*', BSc Environmental Sciences [Milieustudie Naturschutz] (2011/12), 2SWS

Summer Terms	Internal seminar of the Landscape Ecology Group for PhD, MSc and BSc students. In cooperation with Prof. Michael Kleyer, 2SWS, module of 15KP
	Practical course/seminar ' <i>Soil science-hydrogeology-ecosystem relationships</i> ' ('Bodenkundlich-Hydrogeologisch-Ökosystemare Zusammenhänge'), BSc Environmental Sciences [Bodenkunde, Hydrologie und Ökosystem], in cooperation with Prof. Giani (Soil Sciences) and Prof. Massmann (Hydrology), 2SWS, module of 9KP
	Practical course ' <i>Milieustudie B</i> ', BSc Environmental Sciences [Milieustudie Naturschutz] (2012) 2SWS

FURTHER EDUCATION FOR DIDACTIC SKILL ENHANCEMENT

Participation in the program 'Hochschuldidaktische Qualifizierung' of the University of Oldenburg, Bremen and Osnabrück (<http://www.uni-oldenburg.de/lehre/hochschuldidaktik/>).

Workshops included:

- '*Evaluation and feedback in courses*' (Evaluation und Feedback in Lehrveranstaltungen)
- '*Diversity of methods and promotion of active learning*' (Methodenvielfalt und Förderung aktiven Lernens)
- '*Concept-oriented planning and examining*' (Konzeptorientiert planen und prüfen)
- '*Planning workshop: interactive teaching*' (Planungswerkstatt interaktive Lehre)
- '*Teaching and learning in and with large groups*' (Lehren und Lernen in großen Gruppen)
- '*Heterogeneity in teaching*' (Heterogenität in der Lehre)
- '*Curious, critical, independent and motivated*' (Neugierig, kritisch, selbständig und hochmotiviert)
- '*Lecture shadowing with subsequent evaluation of own performance*' (Kollegiale Hospitation)

SUPERVISOR OF THESES

PhD	4 (3 ongoing, 1 completed)
Master	2 completed
Bachelor	5 completed
Diploma	3 completed

SCHOLARSHIPS AND AWARDS

2016	Grant (DFG) for a research Fellowship at the Vrije Universiteit Brussel, value 33 800 €
2010	Oxford University Press Achievement in Biosciences Prize
2009	Honorable mention in the category young scientist oral presentation award 'Plant functional traits in relation to disturbance in salt marshes of NW-Germany'. 52nd International Symposium of the International Association of Vegetation Science (IAVS), Chania, Crete
2004	Grant (DAAD) for field work in Hawai'i, USA, value 3 000 €
2002	Second prize in the competition 'Preservation of historical buildings' supported by HUSS-Media GmbH, Germany, for 'Assessment of algae occurrence on house-facades by quantification of chlorophyll a in plaster samples'

CONFERENCES AND WORKSHOPS

CHAIR OF SESSIONS AT SCIENTIFIC CONFERENCES AND HOLDER OF WORKSHOPS

- 2018 Session: 'Ecological stoichiometry: Alterations through environmental change and impacts on organisms and ecosystems'. Netherlands Annual Ecological Meeting, Lunteren, The Netherlands
- 2015 Workshop: 'An introduction to structural equation modelling and path analysis.' 14th Meeting on Vegetation Databases: Vegetation Databases and inference of ecological processes, Oldenburg
- 2013 Session: 'Nutrient deposition into open landscapes and their effects on biodiversity, ecosystem function/services and ecological stoichiometry', Open Landscape Conference, Hildesheim
- 2012 Session: 'Ecological stoichiometry: Alterations through environmental change and impacts on organisms and ecosystems', GfÖ Luneburg
- 2011 Session: 'Coastal Ecology', GfÖ Oldenburg

SELECTED SCIENTIFIC CONFERENCES AND WORKSHOPS ATTENDED (* INDICATES ORAL PRESENTATION)

- *2019 Conference: 'Plants increase silicon content as a response to nitrogen and phosphorus limitation: a case study with *Holcus lanatus*' Ecological Society of Germany, Austria and Switzerland (GfÖ), Münster, Germany
- *2019 Conference: 'Antibiotic-induced effects on plant traits' International Association of Vegetation Science (IAVS), Bremen, Germany
- *2017 Conference: 'Plant traits and species interactions along gradients of N, P and K availabilities' Ecology Across Borders: Joint Annual Meeting of BES, GfÖ, NecoV and EEF, Ghent, Belgium
- 2017 'Understanding the role of climatic and biological factors in regulating stoichiometric responses of organisms and ecosystems to nutrient enrichment', HWK-Delmenhorst, Germany
- 2017 Workshop: sDiv workshop 'sToichNutNet II: Linking ecological stoichiometry with environment-diversity-productivity relationships in grasslands', Leipzig, Germany
- 2016 Workshop: sDiv workshop 'sToichNutNet I: Linking ecological stoichiometry with environment-diversity-productivity relationships in grasslands', Leipzig, Germany
- 2015 Workshop: 'Workshop on Stoichiometry – Jena and beyond', University of Oldenburg in Wilhelmshaven, Germany
- *2014 Conference: 'Do invasives grow better? Testing the Growth Rate Hypothesis of a Native herb and its Invasive Congener', 57th Annual Symposium of the International Association of Vegetation Science (IAVS), Perth, Australia
- *2013 Conference: 'Ecosystem multifunctionality is determined by key plant traits: evidence from a coastal salt marsh', 56th Annual Symposium of the International Association of Vegetation Science (IAVS), Tartu, Estonia
- 2013 Workshop: 'Intensive course in path analysis and structural equations in ecology: Using R functions', University of Sherbrooke, Canada
- *2012 Conference: 'Plant trait responses to the environment and effects on ecosystem properties in salt marshes', Ecological Society of Germany, Austria and Switzerland (GfÖ), Luneburg, Germany

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| 2011 | Workshop: Metacommunities and Metaecosystems, University of Oldenburg in Wilhelmshaven, Germany |
| *2011 | Conference: 'Plant trait responses to the environment and effects on ecosystem properties in salt marshes', DevSus - Developing Sustainability, Workshop and Annual Meeting, Stonetown, Sansibar, Tanzania |
| *2011 | Conference: 'Environmental constraints on the stoichiometry of plant organs in salt marshes', Ecological Society of Germany, Austria and Switzerland (GfÖ), Oldenburg, Germany |
| *2010 | Conference: 'Environmental constraints on the elemental composition (carbon:nitrogen:phosphorus) content of plant organs in salt marshes', Coastal Ecology Workshop, Conwy, UK |
| *2009 | Conference: 'Plant functional traits in relation to disturbance in salt marshes of NW-Germany', 52th Annual Symposium of the International Association of Vegetation Science (IAVS), Chania, Greece |
| *2008 | Conference: 'Effects of invasive alien ginger (<i>Hedychium gardnerianum</i>) on native plant species regeneration in a Hawaiian rainforest', Hawaii'i Conservation Conference, Honolulu, HI, USA |

SELECTED INVITED PRESENTATIONS

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| 2013 | 'Ecosystem multifunctionality is determined by key plant traits: evidence from a salty grassland', Keynote at sDiv workshop, Leipzig, Germany |
| 2012 | 'Plant trait responses to the environment and effects on ecosystem properties in salt marshes', University of Kingston, Kingston-upon-Thames, England |
| 2012 | 'Functional traits of salt marsh plants: responses to environmental constraints and effects on ecosystem properties', University of Quintana Roo, Cozumel, Mexico |
| 2009 | 'Ökosystem-Funktionen und biologische Merkmale von Pflanzen', University of Kiel, Germany |

MEMBERSHIPS

Ecological Society of Germany, Austria and Switzerland, GfÖ (since 2011)

International Association of Vegetation Science, IAVS (since 2009)

PROFESSIONAL SERVICE FOR SCIENTIFIC JOURNALS AND RESEARCH FOUNDATIONS

Scientific Journals: Acta Oecologia; Annals of Botany; Annals of Botany Plants; Applied Vegetation Science; Aquatic Botany; Biodiversity and Conservation; Ecological Engineering; Ecological Indicators; Ecological Research; Ecology; Ecology Letters; Estuarine, Coastal and Shelf Science; Functional Ecology; Hydrobiologia; Journal of Ecology; Journal of Tropical Ecology; Journal of Vegetation Science; Oikos; Perspectives in Plant Ecology, Evolution and Systematics; Philosophical Transactions B; Plant and Soil; Plant Ecology; PLOS ONE; Scientific Reports

Research Foundations: German Research Foundation (DFG)

LIST OF PUBLICATIONS

Data captured: 31th October 2019
Papers submitted: 7
Papers accepted/published: 29

Metric	Web of Science	Google Scholar
Citations	283	459
h-index	10	16

PAPERS SUBMITTED

Minden V, Schaller J, olde Venterink H (submitted) Plants increase silicon content as a response to nitrogen or phosphorus limitation: a case study with *Holcus lanatus*

Schoutens K, Heuner M, Fuchs E, **Minden V**, Schulte-Ostermann T, Belliard J-P, Bouma T, Temmerman S (submitted) Nature-based shoreline protection by tidal marsh plants depends on species-specific trade-offs between avoidance and attenuation of hydrodynamic forces

Kattge J, Bonisch G, Díaz S, Lavorel S, Prentice IC, ... **Minden V**, ... Wirth C (submitted) Twelve years of TRY – towards a third generation of plant trait data assimilation and sharing

Kuppler J, Albert CH, Ames GM, Armbruster WS, Boenisch G, ... **Minden V**, ... Junker RR (submitted) Global gradients in intraspecific variation in vegetative and floral traits are partially associated with climate and species richness

Cebrián-Piqueras MA, Trinogga J, Trenkamp A, Fløjgaard C, **Minden V**, Maier M, Mantilla-Contreras J (submitted) Plant functional traits associations respond to environmental gradients and explain trade-offs and synergies between bundles of ecosystem properties and final services

Joswig JS, Wirth C, Reu B, Kattge J, Richter R, ... **Minden V**, Onipchenko V, Peñuelas J, Pillar V, Schrodte F, Sosinsky E, Soudzilovskaia NA, Mahecha MD (submitted) Climatic and soil factors explain the two-dimensional spectrum of global plant trait variation

Shiklomanov A, Cowdery E, Bahn M, Byun C, Craine J, Gonzalez-Melo A, Jansen, S, Kraft N, Kramer K, **Minden V**, Niinemets Ü, Onoda Y, Sosinski Enio, Soudzilovskaia N, Dietze M (pre-print) Does the leaf economic spectrum hold within plant functional types? A Bayesian multivariate trait meta-analysis

PAPERS ACCEPTED/PUBLISHED

29. Flores-Moreno H, Fazayeli F, Banerjee A, Datta A, Kattge J, Butler E, Atkin O, Wythers K, Chen M, Anand M, Bahn M, Burrascano S, Byun C, Cornelissen J, Craine J, Gonzalez-Melo A, Hattingh W, Jansen S, Kraft N, Kramer K, Laughlin D, **Minden V**, Niinemets Ü, Onipchenko V, Peñuelas J, Soudzilovskaia N, Reich P (2019) Robustness of trait connections between multiple plant organs across environmental gradients and growth forms. *Global Ecology and Biogeography*. doi.org/10.1111/geb.12996

28. **Minden V**, olde Venterink H (2019) Plant traits and species interactions along gradients of N, P and K availabilities. *Functional Ecology*. doi.org/10.1111/1365-2435.13387

27. Ladouceur E, Bonomi C, Bruelheide H, Klimešová J, Burrascano S, Poschlod P, Tudela-Isanta M, Iannetta P, Mondoni A, Amiaud B, Cerabolini B, Cornelissen JHC, Craine J, Louault F, **Minden V**, Öllner K, Onipchenko V, Soudzilovskaia N, Jiménez-Alfaro B (2019) The functional trait spectrum of European temperate grasslands. *Journal of Vegetation Science*. doi.org/10.1111/jvs.12784

26. Schoutens K, Heuner M, **Minden V**, Schulte Ostermann T, Silinski A, Belliard J-P, Temmermann S (2019) How effective are tidal marshes as nature-based shoreline protection throughout seasons? *Limnology and Oceanography*. doi.org/10.1002/lno.11149

25. Bruelheide H, Dengler J, Jimenez-Alfaro B, Purschke O, ... **Minden V**, ... Wiser S, Wohlgemuth T, Yamalov S, Zizka G, Zverev A (2019) sPlot – a new tool for global vegetation analyses. *Journal of Vegetation Science* 30: 161-168. doi.org/10.1111/jvs.12710

24. Pufal G, Memmert J, Leonhardt SD, **Minden V** (2019) Negative bottom-up effects of sulfadiazine, but not penicillin and tetracycline, in soil substitute on plants and higher trophic levels. *Environmental Pollution* 245: 531-544. doi.org/10.1016/j.envpol.2018.11.008
23. Milla R, Bastida JM, Turcotte MM, Jones G, Violle C, Osborne CO, Chacón-Labela J, Sosinski Jr. EE, Kattge J, Laughlin DC, Forey E, **Minden V**, Cornelissen JHC, Aimaud B, Kramer K, Boenisch G, He T, Pillar VD, Byun C (accepted) Phylogenetic patterns and phenotypic profiles of the species of plants and mammals farmed for food. *Nature Ecology & Evolution*
22. Kleyer M, Trinogga J, Cebrián-Piqueras M, Trenkamp A, Fløjgaard C, Ejrnæs R, Bouma TC, **Minden V**, Maier M, Mantilla-Contreras J, Albach DC, Blasius B (accepted) Trait correlation network analysis identifies biomass allocation traits and stem specific length as hub traits in herbaceous perennial plants. *Journal of Ecology*. doi.org/10.1111/1365-2745.13066
21. Craven D, Eisenhauer N, Pearse WD, Hautier Y, Roscher C, Isbell F, Connolly J, Ebeling A, Griffin J, Hines J, Jentsch A, Lemoine N, Meyer ST, van Ruijven J, Smith M, Beierkuhnlein C, Boenisch G, Hector A, Kattge J, Kreyling J, Lanta V, de Luca E, Polley HW, Reich PB, Tilman D, Weigelt A, Wilsey B, Catford JA, Craine J, Schamp B, Bahn M, Byun C, **Minden V**, Cornelissen JHC, Manning P (accepted) Multiple facets of biodiversity drive the diversity-stability relationship. *Nature Ecology & Evolution* 2: 1579-1587. doi.org/10.1038/s41559-018-0647-7
20. Moreno-Martínez À, Camps-Valls G, Kattge J, Robinson N, Reichstein M, van Bodegom P, Kramer K, Cornelissen JHC, Reich P, Bahn P, Niinemets Ü, Peñuelas J, Craine JM, Cerabolini BEL, **Minden V**, Laughlin DC, Sack L, Allred B, Baraloto C, Byun C, Soudzilovskaia NA, Running SW (2018) A methodology to derive global maps of leaf traits using remote sensing and climate data. *Remote Sensing of Environment* 218: 69-88. doi.org/10.1016/j.rse.2018.09.006
19. Kaluza BF, Wallace HM, Heard TA, **Minden V**, Klein AM, Leonhardt SD (2018) Social bees are fitter in more biodiverse environments. *Scientific Reports* 8: 12353. doi: 10.1038/s41598-018-30126-0
18. **Minden V**, Schnetger B, Pufal G, Leonhardt SD (2018) Antibiotic-induced effects on scaling relationships and on plant element contents in herbs and grasses. *Ecology and Evolution*. 8: 6699-6713. doi.org/10.1002/ece3.4168
17. Zeeman BJ, **Minden V**, Morgan JW (2018) Non-native plant cover and functional trait composition of urban temperate grasslands in relation to local- and landscape-scale road density. *Biological Invasions*. doi.org/10.1007/s10530-018-1756-6
16. Butler EE, Datta A, Flores-Moreno H, Chen M, Wythers KR, Fazayeli F, ... **Minden V**, ... Reich PB (2017) Mapping local and global variability in plant trait distributions. *Proceedings of the National Academy of Sciences of the United States of America* 114: E10937-E10946. doi.org/10.1073/pnas.1708984114
15. Balke T, Löhmus K, Hillebrand H, Zielinski O, Haynert K, Meier D, Hodapp D, **Minden V**, Kleyer M (2017) Experimental salt marsh islands: a model system for novel metacommunity experiments. *Estuarine, Coastal and Shelf Science* 198: 288-298. doi.org/10.1016/j.ecss.2017.09.021
14. **Minden V**, Deloy A, Volkert AM, Leonhardt SD, Pufal G (2017) Antibiotics impact plant traits, even at small concentrations. *Annals of Botany Plants* 9:1-19. doi.org/10.1093/aobpla/plx010
13. Cebrián Piqueras MA, Trinogga J, Grande C, **Minden V**, Maier M, Kleyer M (2017) Interactions between ecosystem properties and land use resolve trade-offs between agricultural production and species conservation in coastal lowlands. *International Journal of Biodiversity Science, Ecosystem Services & Management* 13: 53-66. doi.org/10.1080/21513732.2017.1289245
12. **Minden V**, Scherber C, Cebrián Piqueras MA, Trinogga J, Trenkamp A, Mantilla-Contreras J, Kleyer M (2016) Consistent drivers of plant biodiversity across managed ecosystems. *Philosophical Transactions of the Royal Society B* 371: 20150284. doi.org/10.1098/rstb.2015.0284

11. Lewandowska A, Biermann A, Borer ET, Cebrián-Piqueras M, Declerck SAJ, De Meester L, Van Donk E, Gamfeldt L, Gruner DS, Hagenah N, Harpole WS, Kirkman KP, Klausmeier CA, Kleyer M, Knops JMH, Lemmens P, Lind EM, Litchman E, Mantilla-Contreras J, Martens K, Meier S, **Minden V**, Moore JL, Olde Venterink H, Seabloom EW, Sommer U, Striebel M, Trenkamp A, Trinogga J, Urabe J, Vyverman W, Van de Waal DB, Wissicombe CE, Hillebrand H (2016) The importance of stoichiometry for biodiversity-functioning relationship – a synthesis across ecosystems. *Philosophical Transactions of the Royal Society B* 371: 20150283. doi.org/10.1098/rstb.2015.0283
10. **Minden V**, Gorschlüter J (2016) Comparison of native and non-native *Impatiens* species across experimental light and nutrient gradients. *Plant Ecology and Evolution* 149: 59-72. doi.org/10.5091/plecevo.2016.1118
9. **Minden V**, Kleyer M (2015) Ecosystem multifunctionality of coastal salt marshes is determined by key plant traits. *Journal of Vegetation Science* 26: 651-662. doi.org/10.1111/jvs.12276
8. Kleyer M, **Minden V** (2015) Why functional ecology should consider all plant organs: an allocation-based perspective. *Basic and Applied Ecology* 16:1-9. doi.org/10.1016/j.baae.2014.11.002
7. Kleyer M, Balke T, **Minden V**, Peppler-Lisbach C, Schoenmakers S, Spalke J, Timmermann H (2014) Mellum: A highly dynamic landscape, though not for plants. In: Hellwig, U., Stock, M. (Eds.) *Dynamic Islands in the Wadden Sea*. *Wadden Sea Ecosystem* 33, pp. 29-44
6. **Minden V**, Kleyer M (2014) Internal and external regulation of plant organ stoichiometry. *Plant Biology* 16:897-907. doi.org/10.1111/plb.12155
5. **Minden V**, Andratschke S, Spalke J, Timmermann H, Kleyer M (2012) Plant-trait environment relationships in salt marshes: deviations from predictions by ecological concepts. *Perspectives in Plant Ecology, Evolution and Systematics* 14:183-192. doi.org/10.1016/j.ppees.2012.01.002
4. **Minden V**, Kleyer M (2011) Testing the effect-response framework: key response and effect traits determining aboveground biomass of salt marshes. *Journal of Vegetation Science* 22:387-401. doi.org/10.1111/j.1654-1103.2011.01272.x
3. **Minden V**, Hennenberg K, Porembski S, Boehmer HJ (2010) Invasion and management of alien *Hedychium gardnerianum* (kahili ginger, Zingiberaceae) alter plant species composition of a montane rainforest on the island of Hawai'i. *Plant Ecology* 206:321-333. doi.org/10.1007/s11258-009-9645-9
2. **Minden V**, Jacobi JD, Porembski S, Boehmer HJ (2010) Effects of invasive alien kahili ginger (*Hedychium gardnerianum*) on native plant species regeneration in a Hawaiian rainforest. *Applied Vegetation Science* 13:5-14. doi.org/10.1017/S0266467404002160
1. Hennenberg KJ, Goetze D, **Minden V**, Traore D, Porembski S (2005) Size-class distribution of *Anogeissus leiocarpus* (Combretaceae) along forest-savanna ecotones in northern Ivory Coast. *Journal of Tropical Ecology* 21: 273-281

THESES

Minden V (2010) Functional traits of salt marsh plants: responses of morphology- and elemental based traits to environmental constraints, trait-trait relationships and effects on ecosystem properties, PhD thesis, Oldenburg, Germany

Minden V (2005) The effects of the invasion of *Hedychium gardnerianum* Ker.-Gaw. (Zingiberaceae) on the regeneration dynamics of a montane rainforest on the Island of Hawai'i, Diploma thesis, University of Rostock, Germany in cooperation with University of Hawai'i at Manoa, Hawai'i, USA

IN PERIODICALS

Minden V (2011) Kahili-Ingwer - Eine Zierpflanze verdrängt den Regenwald. *Geographische Rundschau* 3:42-47