

Jan P. Schimmelmann

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EDUCATION & CERTIFICATIONS

- University of Bremen**, Bremen, Germany *Expected Graduation 07/2018*
Master of Science in Physical Geography, Environmental History
Studies include: Climatology, Archaeobotany, Lacustrine Environmental
Archives. Thesis: *Environmental Significance of Central Vietnamese Maar Sediment*
- Ball State University**, Muncie, Indiana, USA *12/2014*
Bachelor of Science in Geology
- Pelham-Ball Memorial Paramedic Program**,
Bloomington, Indiana, USA *3/2009 – 5/2010*
EMT-B (Emergency Medical Technician) Certification

HONORS & LANGUAGES

Dean's List

- Ball State University, Indiana, USA, Spring 2013, Summer 2014

Eagle Scout

, Boy Scouts of America

Language Skills, English and German. Dual citizenship: United States of America, Germany

EXPERIENCE

Vietnam Fieldwork

, Vietnam National University (VNU) in Hanoi, Vietnam

- Led field work, created a lightweight and inexpensive sediment coring device for use in remote regions and in developing countries. Materials for its construction are readily available in Vietnam. Images from field work in a 21-meter deep maar lake in Vietnam are available here: <http://eosvnu.net/projects/paleoclimate/>
- Measured radon environmental geohazards in caves and home basements.

Field Geologist

, EnviroForensics, Indianapolis, Indiana, USA *3/2015 - 07/2016*

- Tasks included field work crew oversight with communication to management on progress, findings and extensive field reporting based primarily on tetrachloroethylene contaminant throughout the state of Indiana.
- Groundwater data (collection of depths to create flow maps, creation of plume mapping based on physical and chemical properties collected on site).
- Soil properties (sediment mapping based on physical characteristics for the creation of favorable pathway maps for eventual remediation based on groundwater plume flow).
- Vapor Intrusion (VI) information from collection of outdoor canisters, indoor canisters, soil gas ports, as well as installation of sub-foundation ports.
- Installation and oversight of permanent forensic instruments from groundwater wells networks, VI ports for sub-foundation indoors and outdoors, soil gas ports. Installations were at times in close proximity with underground and overhead utilities.
- Office work involved data analysis, tabulation of findings, and subsequent creation of site reports for submission to government officials.
- Promoted to Staff Geologist shortly before enrolling in M.Sc. program at the University of Bremen.

PUBLICATIONS

- Nguyễn-Văn, H., D. Nguyễn-Thùy, J.P. Schimmelmann, et al. (2017) Exploring the paleoenvironmental potential of laminated maar sediment in central Vietnam: An archive of regional paleo-flooding? *PAGES Zaragoza 2017, 5th Open Science Meeting* p. 325 in: <http://pastglobalchanges.org/osm2017/downloads/osm-abstract-book-zaragoza-2017.pdf>
- Schimmelmann, J.P., H. Nguyễn-Văn, D. Nguyễn-Thùy, A. Schimmelmann, A.E.K. Ojala, B. Zolitschka, N. Nguyễn-Ánh (in review) Monsoon-related rainfall recorded by mineral-rich flood layers in Vietnamese maar sediment. *European Geosciences Union (EGU) General Assembly 2018*, 8-13 April 2018, Vienna, Austria.
- Schimmelmann, A., H. Nguyễn-Văn, D. Nguyễn-Thùy, J.P. Schimmelmann, et al. (in press) Maar sediment in central Vietnam Highland near Pleiku: An archive of regional monsoon intensity? *7th International Maar Conference*, 21-25 May, Olot, Spain, 2018.