

VITA WEITONG XU

ENVIRONMENTAL ENGINEER

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SUMMARY

Master's graduate in Industrial ecology and environmental engineering from KTH Royal Institute of Technology. Currently interning at the LeadIT Secretariat at Stockholm Environment Institute (SEI), conducting research and collaborating on projects. Skilled in Material/Energy Flow Analysis, Life Cycle Assessment and industrial decarbonisation topics. Actively involved in preparing a collaborative journal article with KTH researchers to advance knowledge in these fields. Proficient in communicating research findings in quantitative and qualitative formats.

SKILLS

- Material and Energy flow analysis (MFA&EFA)
- Data Analysis
- Content creation
- Life cycle assessment (LCA)
- Carbon accounting
- Emission calculation
- Roadmap analysis
- Research design
- Interdisciplinary studies
- Sustainability reporting
- Project management
- Waste Management
- Native speaker of Mandarin Chinese, and Cantonese
- Fluent speaker of English
- Intermediate speaker of Swedish and Japanese

WORK EXPERIENCE

Stockholm Environmental Institute (SEI), LeadIT Secretariat

Industry Transition Intern • 2023 - Present

- Advancement of industry transition tracker (ITT) methodology through python programming, shorten data process time by 75%; creation of the 2022 and 2023 data base through roadmap analysis and data collection.
- Conducting internal workshop session to communicate data analysis and research design results
- Assisting weekly LeadIT secretariat meeting and aids documentation of the secretariat work.

Toteme AB

Supply Chain Sustainability Intern • Jun 2022 - Aug 2022

- Conducted two projects regarding supply chain sustainability and biodiversity.
- Achieved an increase of traceability and transparency of Toteme's supply chain.
- Enriched Toteme's understanding of biodiversity in Textile industry, and provided the team with a set of tools to integrate biodiversity conservation into Toteme's supply chain management

KTH Royal institution of Technology

Research Assistant • Nov 2021–Apr 2022

- Research assistant for a community climate baseline project, which involves emission data collection, visualization, and analysis.
- Generated a climate assessment and development plan as results.

Guangdong Environmental Protection Group

Environment project intern • Jul 2019–Aug 2019

- Involved in on-site studies in landfill, soil treatment sites.
- Assisting project planning and management.

EDUCATION

MSc in Sustainable technology

KTH Royal institution of Technology • 2021–2023

BSc in Sustainable energy transition

Uppsala University • 2018–2021

RESEARCH

The impact of beach-cast fertilizer on Gotland's agricultural nitrogen cycle

KTH Royal Institute of Technology • 2023