

# **QUALIFICATIONS**

MSc Marine Biology, major: Sustainable Management of Coastal Ecosystems 2006; MSc Biology, major: Zoology 2005.

# **CURRENT POSITION**

Senior Environmental Consultant Earthtime; Laboratory Consultant Earthtime Inc

# FIELDS OF SPECIAL COMPETENCE

- Environmental law and legislating competences
- Impact assessment and sustainable management of coastal ecosystems, specialty in tropical areas
- Identification of environmental impact indicators
- Structure and functioning of coastal ecosystems
- Water and marine biogeochemistry
- Socio-economic baseline studies for ESIAs/ESMPs
- Field studies and development of sampling strategies
- Laboratory analysis (Marine biodiversity studies, Botany, Entomology, Microbiology, Water and marine biogeochemistry, Inorganic and organic chemistry)
- · Numerical analysis of ecological data
- · Bibliographical research and analysis
- Project management
- · Stakeholder and Public Outreach

# Yasmin El Helwe

# Senior Environmental Consultant

#### SUMMARY OF COMPETENCIES

Yasmin is a senior consultant with Earthtime. She has participated in many ESIA/ESMP projects in Liberia for oil exploration, rubber plantations development, rubber processing factories, wood logging, transmission lines, mining and water management. Yasmin has wide knowledge and extensive experience in the Liberian ecological and socio-economic environments. She also has extensive experience in Liberian environmental legislations and procedures. Yasmin has wide knowledge and extensive experience in the Liberian ecological and socio-economic environments. Particularly, she has expertise in the Liberian coastal and marine environments. She is responsible for the collection of environmental and socio-economic baseline data for the development of in-country ESIAs and ESMPs. This includes, but is not limited to, the management of field studies necessary for such information, the analysis of laboratory results and the discussion of findings based on solid scientific research.

Provided her extensive experience in environmental laws, her legislating competences and her familiarity with Liberian legislations and procedures, she is also responsible for the development of the legislative section in all the ESIA/ESMP documents submitted by Earthtime. Yasmin also participates in the identification of projects' environmental and socio-economic impacts and the establishment of environmental and social management plans. Moreover, she assists with the Quality Assurance/Quality control of ESIAs and ESMPs.

Yasmin has participated in many ESIA/ESMP projects in Liberia for oil exploration, port rehabilitation, rubber plantations development, rubber processing factories, wood logging, transmission lines, and mining and water management sectors.

In addition, Yasmin is providing consultancy for Earthtime for the establishment and management of an environmental and water analysis laboratory in Liberia. This laboratory is under construction and will be the first commercial lab in this field in Liberia. Her main tasks are: developing the lab layout plan, decision taking regarding the technical and administrative management, the development of the QA/QC program with the objective to get ISO 17025 certification for the lab.

# RECENT RELEVANT PROJECT EXPERIENCE INCLUDES:

- Liberia –Team Member of ESMPs for 3 mineral exploration projects
- Liberia Team Member of an ESIA for 20 MW power plant
- Liberia Team Member of an ESIA for two 66 kVA transmission lines between Mt. Coffee and Monrovia
- · Liberia Team Member of an ESIA for 66 kVA transmission line between Kakata and Paynesville
- Liberia Team Member of an EMP for rehabilitation of a portion of Port of Buchanan
- Liberia Team Member of ESIAs for 4 offshore oil and gas exploration projects
- Liberia Team Member of an ESIA for a woodchip biomass production project