

Ph D in Environmental Engineering and Management, Masters degree in Sustainable Development, and Civil Engineer with 8 years of Experience

Surname: **DIALLO**

First name: **Mamadou Billo Cherif**

Date and place of birth: **22-09-1970 in Dalaba (Guinea)**

Nationality: **Guinean**

Family status: **Married with 3 children**

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UNIVERSITY STUDIES AND QUALIFICATIONS

- 2005-2008** Ph D in Environmental Engineering and Management, Asian Institute of Technology (AIT)-Bangkok, Thailand.
- 1999-2001** Masters degree in Sustainable Development, Ecole Mohammadia des Ingénieurs de Rabat (EMI), Morocco.
- 1993-1996** Bachelor degree in Civil Engineering, Ecole Nationale des Ingénieurs de Tunis (ENIT), Tunis, Tunisia.
- 1990-1992** University Diploma of Technology (DUT) in Civil Engineering, Ecole Nationale Supérieure Universitaire de Technologie (ENSUT), Dakar, Senegal.

OTHER CERTIFICATES

- May 2003** Certificate of ABS (Alcoa Business system) in Sangaredi-Guinea.
- July 2002** Certificate of Professional Selling Skills in Johannesburg-South Africa.
- Sept. 2001** Certificate of Analytical Solving Problem Skills in Accra-Ghana.

PRACTICAL EXPERIENCE

- ❖ **Sept.07-Feb.08:** Internship with the United Nations Environment Programme (UNEP)-Regional Research Centre-Asia and Pacific.
- ❖ **Mar.01-Jul.04:** Representative of the Ministry of Environment in the CBG- Exxon Mobil Project of Sangaredi-Kamsar in Guinea
- ❖ **Mar.01-Present:** Environment Advisor of the Ministry Environment and Sustainable Development of Guinea
 - Poverty eradication and Environmental Sustainability and Policies

- Urban Environment, Water and Sanitation
- Sustainable Development

❖ **Jul.99-Jun.00:** DESA Research Project Training, Centre Royal de Télédétection Spatiale (CRTS) de Rabat, to develop a cartographic database of the Coast of El-Jadida on the basis of a satellite picture.

❖ **Dec.96-Dec.98 :** Employed at the Compagnie Sahélienne d'Entreprises (CSE).

- **Dec.96-Fev.97:** Public Works Supervisor assistant of the Dabola-kouroussa road asphaltting project (Guinea)
- **Apr.97- Aug.97:** Public Works On-site Director of Road Repairs and Rural roads of Kankan-Mandiana-Kérouané-Nzérékoré-Youmou:
 - ✓ Road relaying
 - ✓ Realisation of reinforced concrete bridges, pipes, paving.

Budget: 2.3 million of USD

- **Sep 97-Jul 98 :** Public Works Director of the mine site of the Compagnie Sahelienne d'Entreprises (CBG) at Sangaredi
 - ✓ Realisation of 230 000 m³ of embankment road.
 - ✓ Realisation of 10 Km of railways.
 - ✓ Repairing of relaying area.

Budget: 1.35 million of USD

❖ **Fev.06-Jun.06:** Final-year Hands-on Project with the railroad Company of Tunisia on the Nailing-down stabilisation of Railways.

❖ **May 95-Jun.95:** Engineer Training at the Public Highways Department in Tunis to develop a road database using the "TRANSROUTE" software.

❖ **Oct.92-Jun.93:** Contract Project to assess Real Estate, at the Cadastral Survey Department, Dakar -Senegal.

❖ **Jun.92-Jul. 92:** Technical Expertise Training, Public Works Department, Municipality of Dakar-Senegal.

EXTRA WORK ACTIVITIES

❖ **Jan.06-Dec.06:** Member of the Student Union of AIT (Cultural and Constitution committee)

❖ **Aug.05-Dec.07:** Coordinator of the African Student Association in AIT

❖ **Feb.01-Mar.04 :** Teaching the "Environment Impact Assessment "in The Institut des Mines et Geologie de Boke (The mining Engineering School of Boke)

INTERNATIONAL PUBLICATIONS

1-GIS-based analysis of the fate of waste-related pathogens *Cryptosporidium parvum*,

Giardia lamblia and *Escherichia coli* in a tropical canal network in *Journal of Water and Health* of London (April 2008).

2- Infection risk assessment of diarrhea-related pathogens in a tropical canal network in *Science of the Total Environment* of the USA (June 2008)

PAPER PRESENTED IN INTERNATIONAL CONFERENCE

The Fifth Symposium on Southeast Asian Water Environment on 7-9 November 2007 at the Green Lake Resort, Chiang Mai, Thailand.

Title of paper: GIS-based estimation of comparative occurrence and fate of waste-related Protozoan pathogens in a peri-urban canal network a tropical environment

NATIONAL PUBLICATIONS

1- Problématique des changements climatiques. Le démocrate n 186 du 8/09/03 p8

2- Impacts des huiles usées sur la santé et l'environnement. Le démocrate n 186 du 8/09/03 p8

3- Les études d'impacts environnementaux. L'indépendant Plus n 169 du 1^{er}/09/03 p8

COMPUTER EXPERIENCE

- Knowledge of Internet, Matlab, Prosper, Petal, Arc/info, Imagine, MS project, SPSS, Sigma Plot.

INTERNATIONAL LANGUAGES

- French: Excellent.
- English: Very fluent in writing and speaking (Ph D program was in English)
- Spanish: Good in speaking and writing
- Arabic: Fair reading and writing

NATIONAL AND REGIONAL LANGUAGES

Pulaar (mother tongue), Susu, Mandingo (fair), Wolof (Basic), Hausa and Djerma (basic)

RESIDENCE ABROAD

Niger (4 Ys), Sénégal (6 Ys), Tunisia (3 Ys), Morocco (2 Ys), RCI (1 month), Togo (1 month), Ghana (10 d), South Africa (1 month), USA (6 month), Saudi Arabia (7 days), Thailand (3 Ys), Malaysia (20 days), China (10 days), Cambodia (7 days), France (15 days).

ACHIEVEMENTS

- First Prize for Overall Best final-year Project, Ecole Nationale d'Ingénieurs de Tunis, in 1996.