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COllaborative curriculum Development on Waste management in Africa and the Pacific region



CODWAP project



ACP-EU Cooperation Programme in Higher Education (EDULINK)

A programme of the ACP Group of States, with the financial assistance of the European Union.



Funded by:



ACP-EU Cooperation Programme in Higher Education (EDULINK)- A programme of the ACP Group of States, with the financial assistance of the European Union.

9th European Development Fund

Reference: EuropeAid/126851/D/ACT/Multi

PARTNERS

<i>Coordinator:</i>	Aristotle University of Thessaloniki, Greece
<i>Partners:</i>	Bremen University of Applied Sciences (BUAS), Germany University of Mauritius (UoM) Papua New Guinea University of Technology (UNITECH) Fourah Bay College, University of Sierra Leone (USL)
<i>Associates:</i>	Technical University of Dresden (TUD), Germany Griffith University, Australia CalRecovery Inc, USA



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Implemented activities/DELIVERABLES

- 1 International Conference on '*Waste Management in Developing Countries and Transient Economies*'
- 1 MSc course on '*Sustainable Solid Waste and Resource Management*'
- 13 educational tools
- 1 handbook on '*Waste management in Developing Countries*'
- 10 leaflets on project events
- 5 training missions
- 1 web page





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THE DEVELOPING COUNTRIES OF TOMORROW
INFO DAY - September 2010, Lae, Papua New Guinea

Tuesday, July 12 and Wednesday, July 13, 2012

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HANDBOOK
Waste management in Developing Countries

Edited by
A. Karagiannidis and St. Kontogianni



March, 2012

1st International Conference on
"Waste Management in Developing countries and Transient Economies"
Mauritius, Africa, September 5th -7th 2011



A. Karagiannidis, St. Kontogianni

Proceedings of 1st International Conference
"Waste Management in Developing Countries and Transient Economies"



Mauritius - 1

'Master Programme (MSc) on Solid Waste and Resource Management'

solid waste has been evolving into a major problem that has reached proportions requiring... therefore crucial to adopt adequate legislation and high costs for collection and disposal... program is intended to provide an in-depth knowledge of solid waste management with a... principles of solid waste management, design of treatment plants, recycling... program will cover Waste Management, Environmental Economics and Policies, as well as... Technologies and Processes, tailored especially to developing countries and

CURRICULUM

Modules
Introduction to Solid Waste Management
Solid Waste Management
Physical, Biological and Thermal Waste Treatment
Solid Waste Management Systems
Disposal / Landfilling in Developing Countries
Waste Management Methods
Waste Management Project

Elective Modules
International Environmental Policy
Environmental Economics
Mining Waste Management
Sustainable Production Technologies
Environmental Management Systems
Special Waste Management

Full time: 1 year but should not exceed 2 years (4 semesters)
Part Time: 2 years but should not exceed 4 years (8 semesters)

University of Mauritius

1st International Conference on
Waste Management in Developing Countries and Transient Economies

MAURITIUS, AFRICA, 5-8 September 2011



Organised by:
Laboratory of Heat Transfer and Environmental Engineering,
Department of Mechanical Engineering, Aristotle University of Thessaloniki &
University of Mauritius

In collaboration with:
Hochschule Bremen - University of Applied Sciences
Technical University of Dresden
University of Sierra Leone, Fourah Bay College, Faculty of Engineering
Papua New Guinea University of Technology, Department of Civil Engineering

Supported by:
IWWG **ISWA** **EDULINK**

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MSC EDUCATIONAL DAY

Education and Research in Waste Management Field

Guest Lectures

Parallel event to the MSc course:
'Sustainable Solid Waste and Resource Management'

ELT 2, Prof. Eduard Lim Fat Engineering Tower
UNIVERSITY OF MAURITIUS, REDUT
27 April, 2012




Master Programme (MSc) on Solid Waste and Resource Management

University of Mauritius

The curriculum for this MSc was developed in the frame of the EDULINK project CODWAP, coordinated by Aristotle University of Thessaloniki, Greece, with partners from:
- University of Mauritius
- Hochschule Bremen, University of Applied Sciences, Germany
- Fourah Bay College, University of Sierra Leone
- University of Technology, Papua New Guinea

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HOCHSCHULE BREMEN
UNIVERSITY OF APPLIED SCIENCES
www.codwap.hs-bremen.de



Specific OUTPUTS

- International Conference:
 - 60 participants
 - 100 person received proceedings
- Education update:
 - 12 MSc students
 - 9 post graduate students and 40 students participated in training missions and info days
- Skills update:
 - 7 university staff
 - 15 academics



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Overall OUTPUTS

- Stronger links among partner HEIs
- bridged gaps between:
 - students and academic staff
 - HEIs and society
- increased inter-institutional networking:
 - MSc course approval procedures for University of Sierra Leone and University of Technology Papua New Guinea
 - Organisation and collaboration on future research programmes



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Thank you!

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