

**Building capacities
in Geographic Information
Systems and Science
in Mozambique
and Cape Verde**



SuGIK

Sustainable Geographic
Information Knowledge
Transfer for Postgraduate
Education

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

Project Beneficiary:

ISEGI-UNL - Instituto Superior de Estatística e Gestão de Informação da Universidade Nova de Lisboa

Scientific Coordinator:

Prof. Doutor Marco Painho painho@isegi.unl.pt

Partners:

UniCV - Universidade de Cabo Verde
UCM - Universidade Católica de Moçambique

Associate Partners:

ESRI Portugal
Fundação Calouste Gulbenkian

Duration :

Start date: August 28, 2008
End Date: December 28, 2011

Grant Contract Identification Number:

9 – ACP –RPR – 12#36

Total Budget:

EUR 511.008,09

EU Co-Funding:

EUR 353.770,90



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Program funded by the European Union and implemented by the African, Caribbean and Pacific Group of States Secretariat to improve and strengthen the capacity of ACP Higher Education Institutions at three constitutive levels:

- Institutional / administrative
- Academic / Educational
- Research and technology strengthening

SuGIK – Sustainable Geographic Information
Knowledge Transfer for Postgraduate Education





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Sustainable Geographic
Information Knowledge
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Education

Project Beneficiary

Instituto Superior de Estatística e Gestão de
Informação Universidade Nova de Lisboa -ISEGIUNL
(Portugal)



Partners

Universidade Católica de Moçambique – UCM
(Mozambique)



Universidade de Cabo Verde – UniCV (Cape Verde)



Associate Partners

ESRI-Portugal



Fundação Calouste Gulbenkian



FUNDAÇÃO
CALOUSTE
GULBENKIAN



OVERALL OBJECTIVE

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Develop, implement and disseminate a best practice model consortium of EU-ACP Higher Education Institutions (HEIs) for the institutionalization of GIS&Science Master Programs in Cape Verde and Mozambique





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- Enhance the overall management, academic and technological capacity of UniCV and UCM, in order to support the transference and implementation of the three editions of a GIS&Science postgraduate course.
- Support target HEIs with training, quality standards, resources and technologies.
- Provide scope for mutually beneficial structural and educational development in a long-term collaboration perspective, allowing other network co-operation initiatives and further study and skills transfer opportunities between the partners and other European institutions.



TARGET GROUPS:

- Senior management and faculty staff of the GI partner institutions departments
- Graduate students in Geographic Information relevant areas
- Target professional in local and regional government departments

FINAL BENEFICIARIES:

- Community Based Organisations
- Local authorities
- Research organisations/Researchers
- SME/SMI businesses which rely on the use of geographic information

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1 st SEMESTER	2 nd SEMESTER	3 rd SEMESTER	4 th SEMESTER
Geographic Information System and Science	Remote Sensing	Research Methodologies	Dissertation
GIS Applications	GIS and Modelling	Dissertation	
Geospatial data models	Geospatial Data Mining		
Geospatial databases	GIS and Local Communities		

The GIS&T master program was organized into four semester modules distributed through five learning areas:

- Geographic Representation and Visualization;
- Geospatial Data Acquisition and Manipulation;
- Databases and Data Modelling;
- Geospatial Data Analysis and Geocomputation;
- Applications of Geographic Information Systems, Society and Organizations.



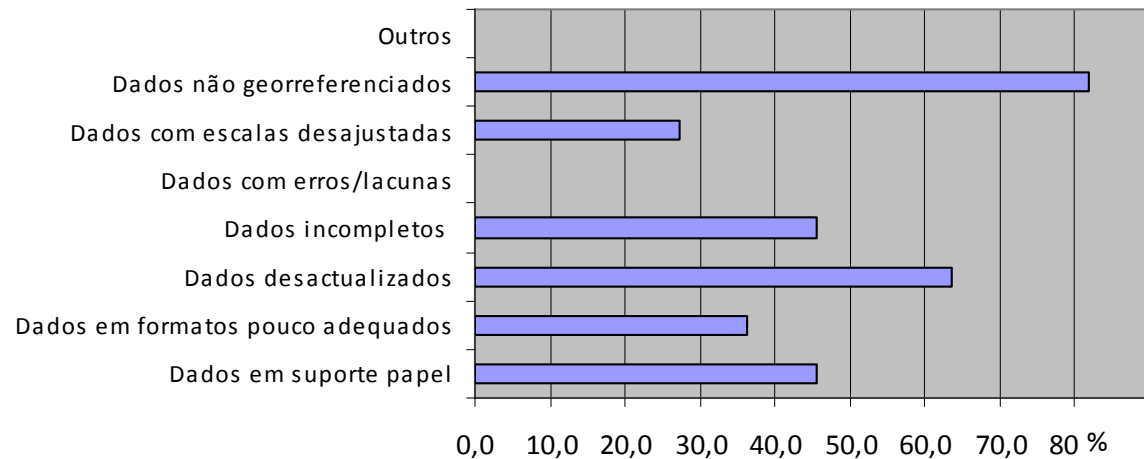
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REGIONAL AND LOCAL STUDY ON THE NECESSITIES OF GIS&T PROFESSIONALS

During the first year, the African partner institutions conducted a regional and local study on the necessities of GIS&T professionals in different sectors of activities. This initiative, along with the contribution provided by the faculty and staff of both partner institutions, helped to identify the specific competencies of the GIS&T postgraduate course and ensured an efficient reformulation of the contents that were proposed for the following editions of the course.

Q.6 Assinale os principais problemas associados aos dados utilizados no exercício da sua actividade



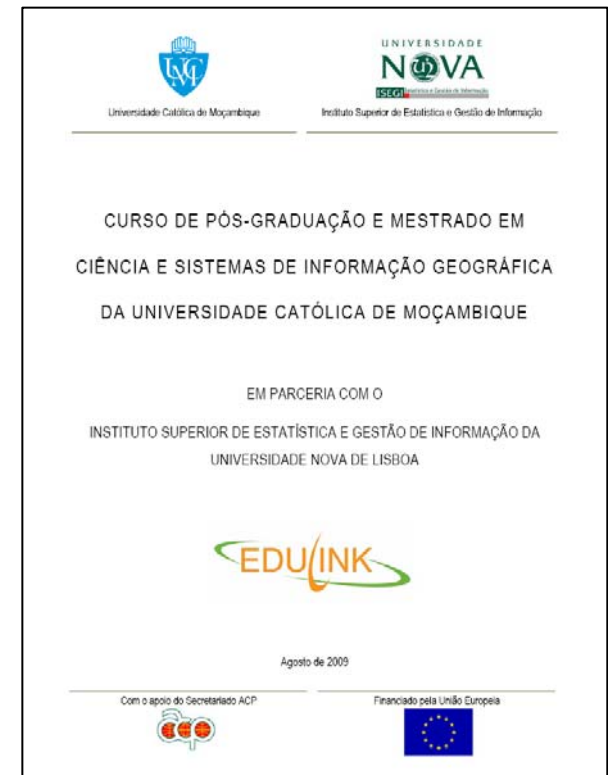
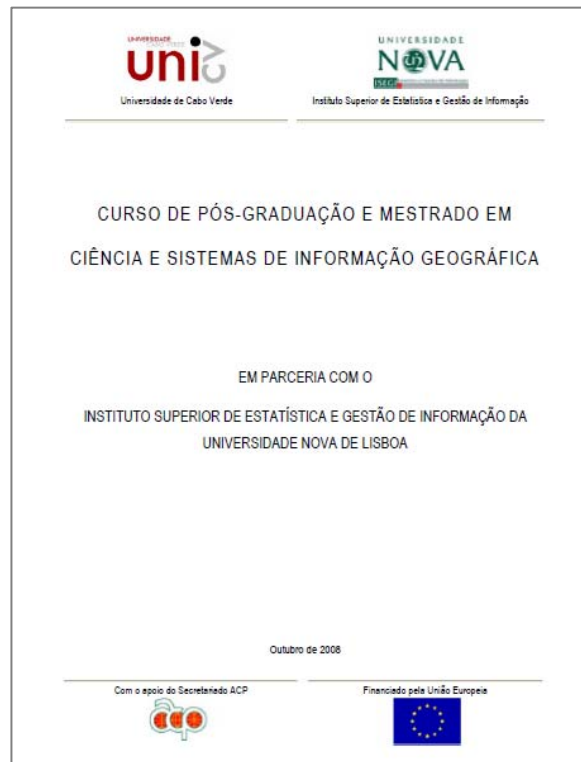


ENHANCING THE OVERALL MANAGEMENT AND ACADEMIC CAPACITY

DOSSIERS FOR THE GIS&T MASTER COURSE RECOGNITION
IN CAPE VERDE AND MOZAMBIQUE

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The dossiers for the recognition of the GIS&T master programme in both partner institutions were prepared and delivered in the beginning of the project
In order to facilitate the international recognition of the course, the European Credit Transfer and Accumulation System (ECTS)* was adopted.

*A standard for comparing the study attainment and performance of students of higher education across the European Union and other collaborating European countries



THE TRAINING OF LOCAL TEACHERS

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Throughout the project technical and pedagogical support were provided to the UniCV and UCM staff in order to guarantee an effective knowledge transfer and the creation and maintenance of the necessary conditions and sustainability of the Action.

Therefore, the Project integrated a set of solutions that aimed to support a self-sustainable GIS&T master programme delivery.



During the first year, the curricular units were taught by ISEGIUNL teachers to a group of selected students from both partner institutions.

In the 2nd and 3rd editions of the GIS&T master programme, the curricular units were taught by ISEGIUNL teachers in a partnership with selected students from the 1st and 2nd editions.

At the end on the project both partner institutions were prepared to offer, in an autonomous way, the GIS&T master programme.



ENHANCING THE HUMAN CAPACITY
THE TRANSFER OF KNOW-HOW

THE TRAINING OF LOCAL TEACHERS

SuGIK's courses	Local Teachers
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UCM	
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GIScience	António dos Anjos Luís
Geospatial Databases	Nelson Amade
Remote Sensing	António dos Anjos Luís
Geostatistics	José Bacar Hussene
Research Investigation Methods	Ali Ahamed Atumane

UniCV	
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Geospatial Databases	Débora Cristina Vera-Cruz
GIScience	Ivete Silves Ferreira
Remote Sensing	Francisco Duarte
Geospatial data models	Antonio Querido
Research Investigation Methods	Judite Nascimento
GIS applications	Romualdo Correia
GIS and Local Communities	Francisco Neves
GIS Modelling	José Maria Vaz Pina
Geostatistics	Leonilde Lima

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The sustainability of the Action allowed Universidade Catolica de Mocambique and the Universidade de Cabo Verde to include a 4th edition of a master programme in the field of GIS&T in their 2012 educational offer.



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SuGIK's laboratory at UniCV was implemented in the beginning of the project and was intensively used, both in the context of SuGIK's activities (delivering of *on campus* courses and supporting students in their academic projects) and in other academic and institutional activities.



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SuGIK's laboratory at UCM was implemented (with the financial support of the Action) in the beginning of the project and was intensively used, both in the context of SuGIK's activities (delivering of *on campus* courses and supporting students in their academic projects) and in other academic and institutional activities.



SuGIK Website
<http://sugik.isegi.unl.pt/>

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Sustainable Geographic
Information Knowledge Transfer
for Postgraduate Education

Contactos
Links
Mapa do Portal
SuGIK-Moodle

O Projecto SuGIK O Curso de Pós-Graduação e Mestrado em C&SIG O Curso de C&SIG na UniCV O Curso de C&SIG na UCM Login

Novidades

- Próximas actividades na UCM (3ª Edição)
- SuGIK na Feira da Cooperação / XXI Encontro da Associação das Universidades de Língua Portuguesa



2,285 Visitors
20 Oct 2010 - 20 Sep 2011

Click to see

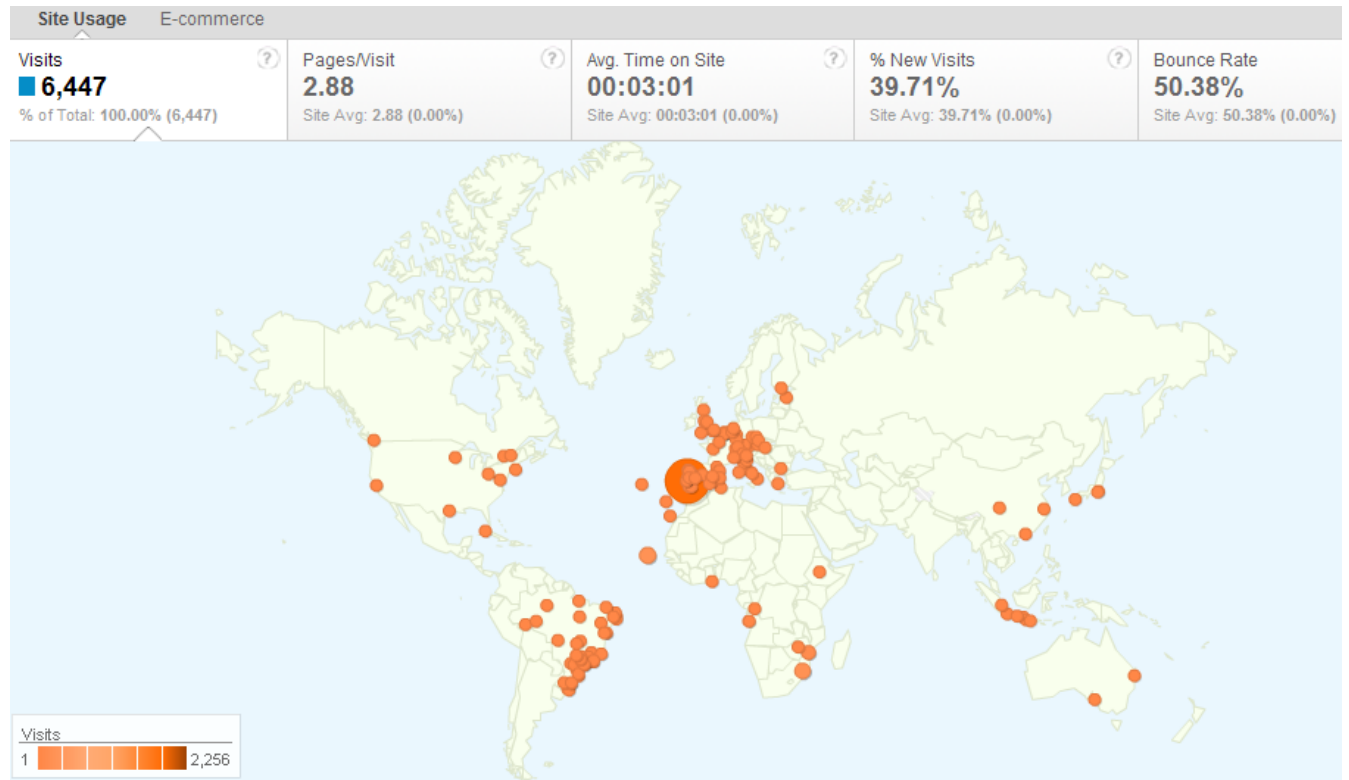
This Website has been produced with the financial assistance of the European Union. The contents of this Website are the sole responsibility of ISEGI-UNL and can under no circumstances be regarded as reflecting the position of the European Union

SuGIK's Website was launched in the beginning of the project and has been updated with all relevant information regarding project activities ever since.



SuGIK WEBSITE
January 2009 - December 2011

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Source: Google Analytics



e-LEARNING PLATFORM
<http://moodle.isegi.unl.pt/>

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The screenshot displays the Moodle interface for the SuGIK course. At the top, it identifies the course as 'Curso de Mestrado em C&SIG' offered by 'Unicv UCM'. The main content area is organized into three sections based on course editions: '1ª Edição_Unicv', '2ª Edição_Unicv', and '3ª Edição_Unicv'. Each section lists various course topics such as 'Ciência e Sistemas de Informação Geográfica', 'Aplicações de SIG', 'Modelos de Dados Geospaciais', 'Bases de Dados Geospaciais', 'Data Mining Geoespacial', 'Modelação e SIG', 'Metodologias de Investigação', 'Detecção Remota', and 'SIG e Comunidades Locais'. The right sidebar contains a login form with fields for 'Nome de utilizador' (username) and 'Senha' (password), a calendar for October 2011, and a section for 'Próximos eventos' (upcoming events) which currently shows 'Não há eventos próximos'.

The resources and materials for the support of the second and third editions of the course at UniCV and UCM were made available through the SuGIK-Moodle platform, including: ebooks, lesson presentations, bibliographical resources, geographic data; demonstration movies; manuals and tutorials, master dissertation guidelines, links, etc.



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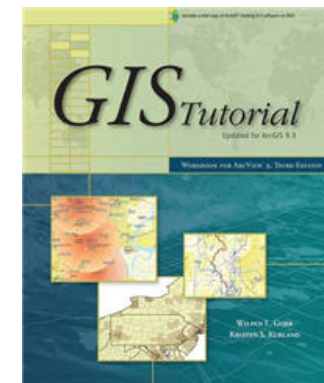
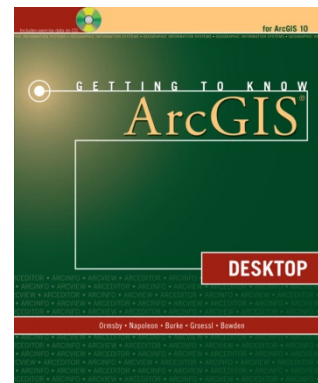


From the 8th to the 12th of February 2010 the training course “Moodle Platform for Administrators and Teachers” took place at Universidade Católica of Mozambique. This course was taught by Dr. Oscar Calbet (SuGIK’s e-Learning Platform Administrator and Manager). 12 students attended this course, including the future administrators of the Moodle platform at UCM. This initiative was conducted with the financial support given by Fundação Calouste Gulbenkian.



SUPPORT AND RESOURCES PROVIDED BY ESRI-PORTUGAL

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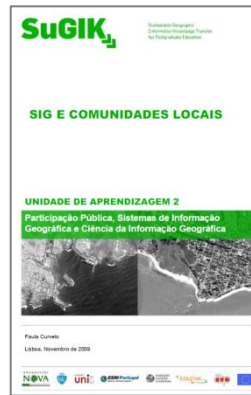
ESRI Portugal provided continuous support to the Project, whether by solving problems concerning installing and updating software in local laboratories, whether by providing assistance to students and faculty staff.

The ArcGIS software (Student Edition) was distributed to the students of the three editions of the GIS&T Master Program. Additionally, the ESRI Virtual Campus Courses (GIS Training and Education on the Web), the ESRI books and the GIS tutorials were made accessible to SuGIK's students .

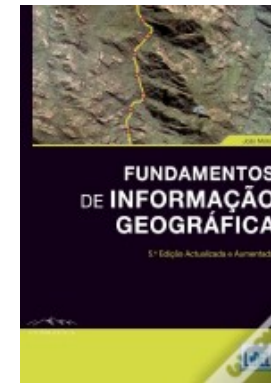


OTHER RESOURCES

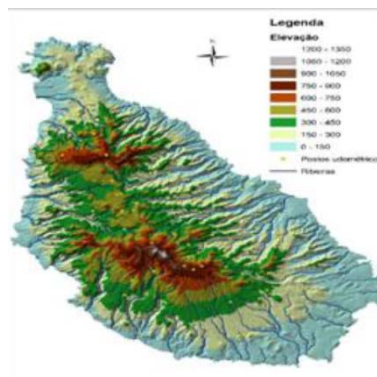
E-Books



GIS LIBRARY



GEOGRAPHIC DATA



DISSERTATION GUIDES



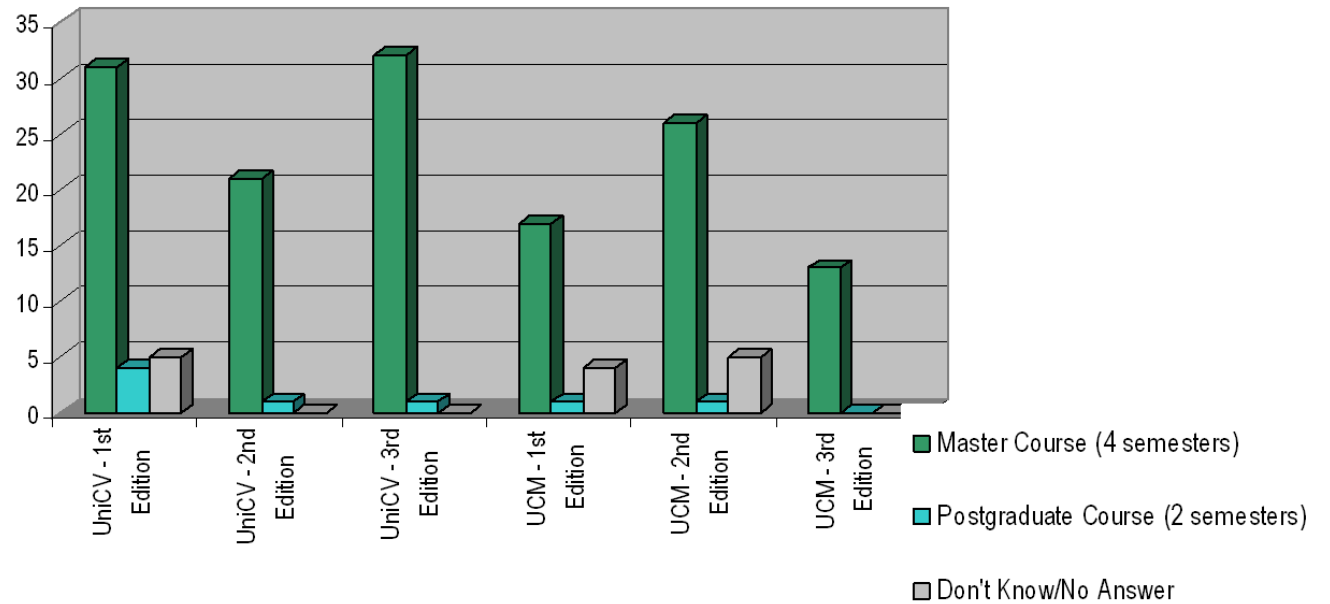
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Diverse resources and materials supported the delivery of the three editions of the GIS&T master program, such as: ebooks, lesson presentations, bibliographic resources (scientific books, journals, conference proceedings.), geographic data; demonstration movies; manuals and tutorials, master dissertation guidelines, Internet resources, etc.



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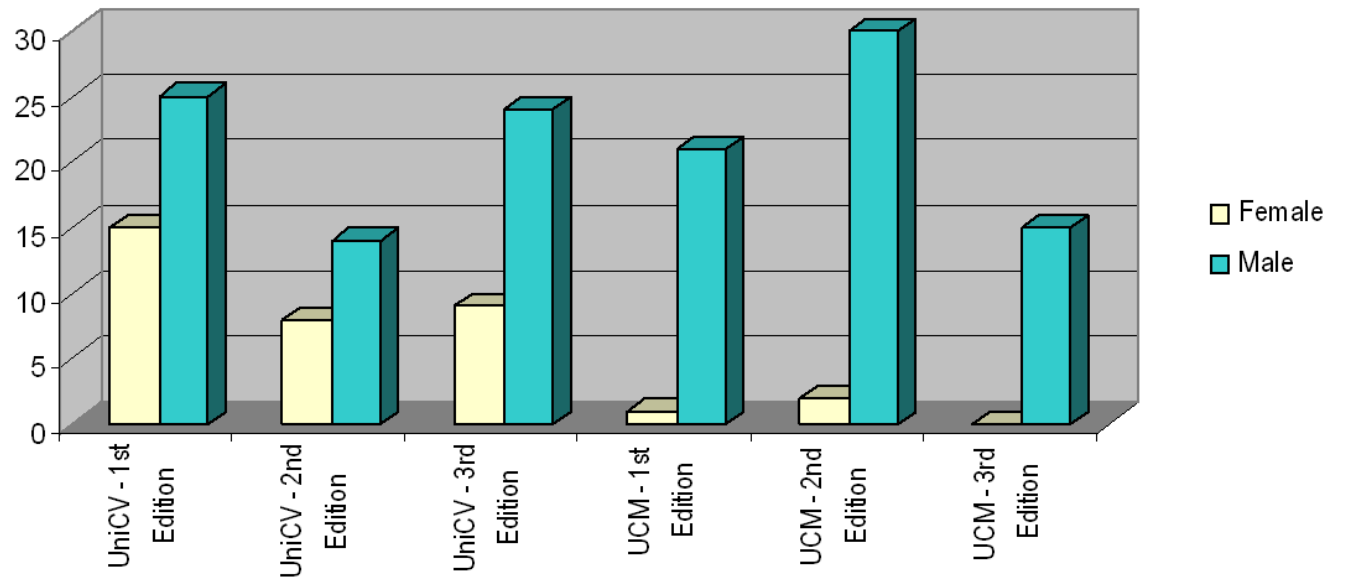
Number of Applicants





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Number of applicants

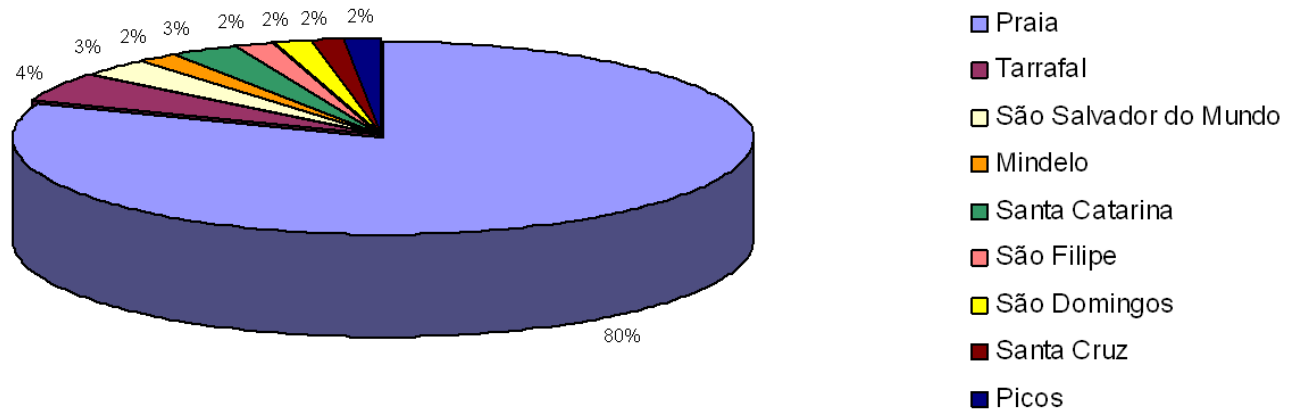




APPLICATION PROCESS
UNICV - THREE EDITIONS

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**UniCV - Students of the three editions
(Place of origin)**

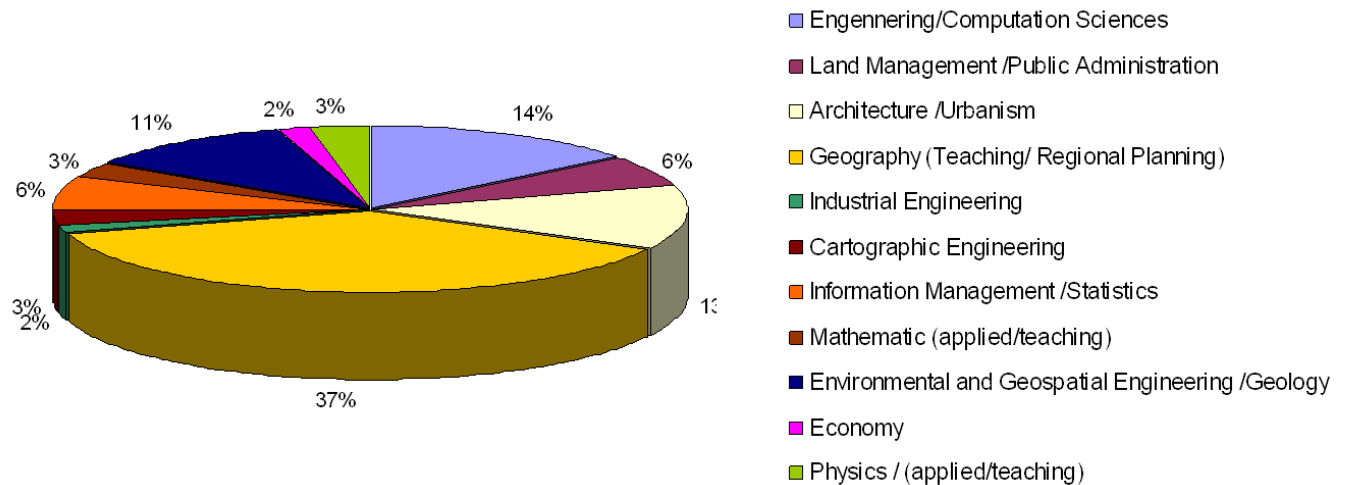




APPLICATION PROCESS
UNICV - THREE EDITIONS

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**UniCV - Students of the three editions
Educational/Academic Background**

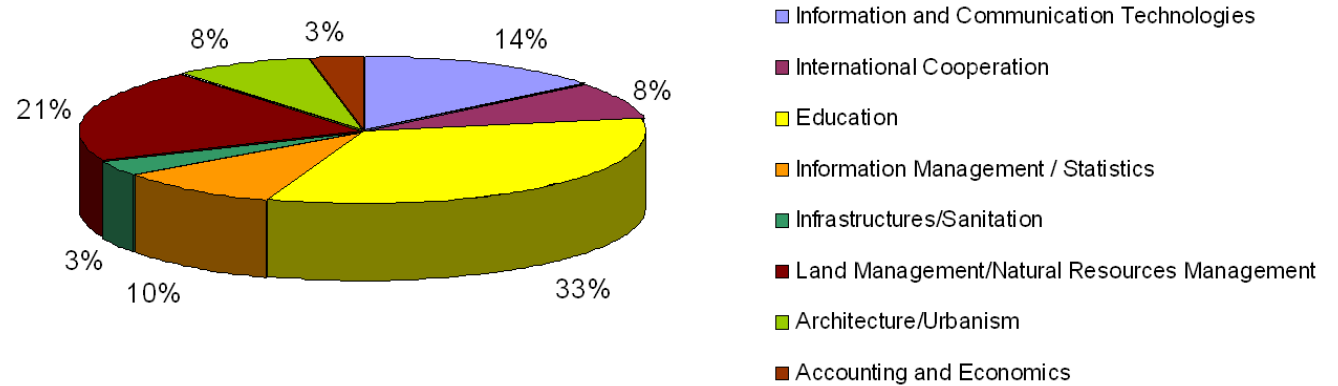




APPLICATION PROCESS
UNICV - THREE EDITIONS

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**UniCV - Students of the three editions
(Professional Areas)**





SuGIK STUDENTS
UNICV - FIRST EDITION

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SuGIK STUDENTS
UNICV - THIRD EDITION

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Sustainable Geographic
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Education

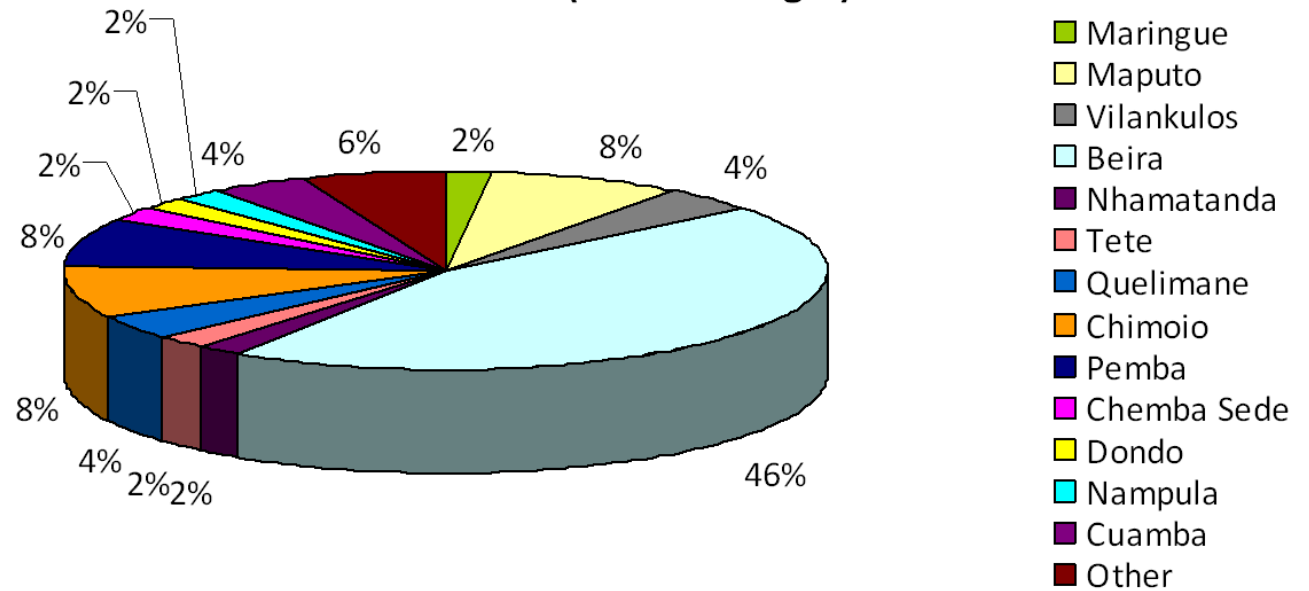




APPLICATION PROCESS
UCM - THREE EDITIONS

SuGIK
Sustainable Geographic
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Transfer for Postgraduate
Education

**UCM - Students of the three editions
(Place of origin)**

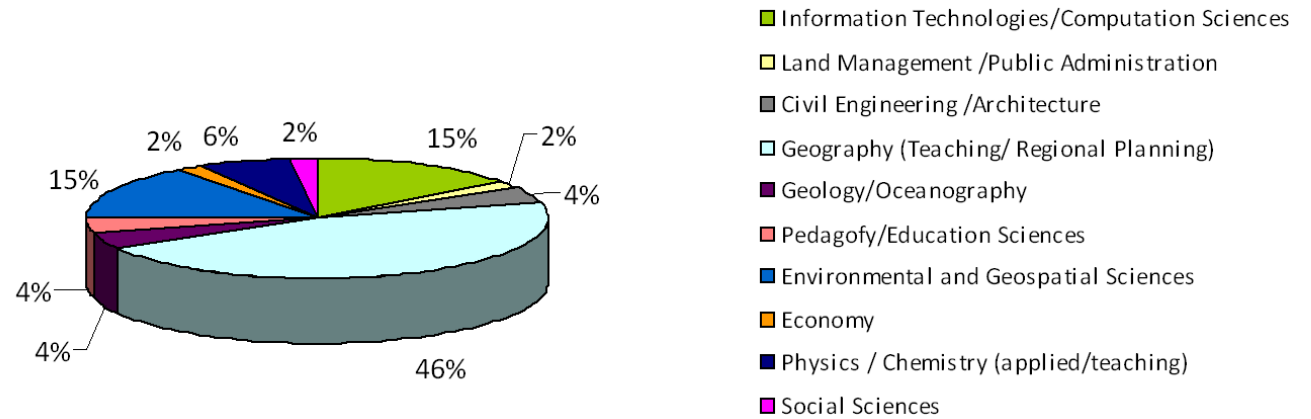




APPLICATION PROCESS
UCM - THREE EDITIONS

SuGIK
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Transfer for Postgraduate
Education

**UCM - Students of the three editions
Educational/Academic Background**

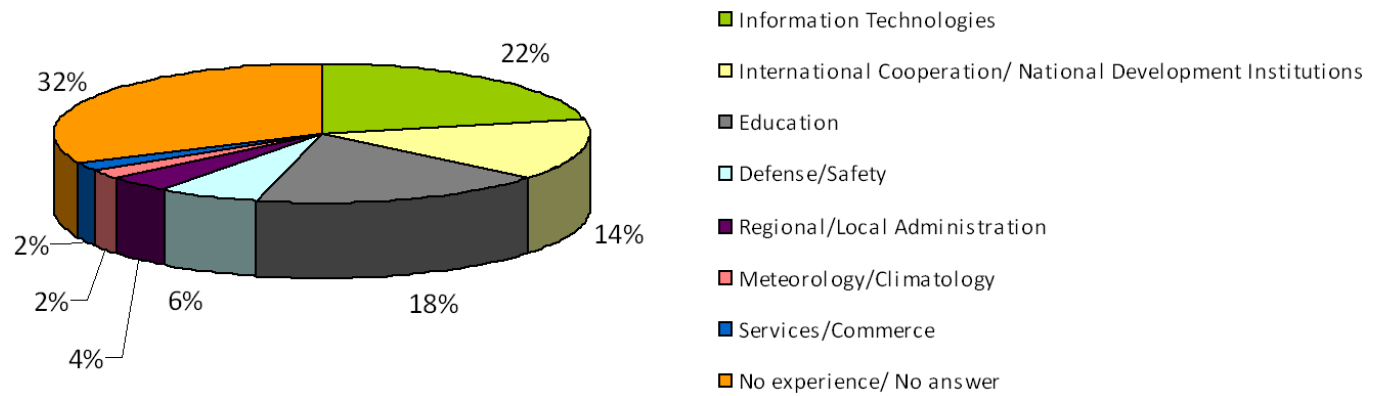




APPLICATION PROCESS
UCM - THREE EDITIONS

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UCM - Students of the three editions
(Professional Areas)





SuGIK STUDENTS
UCM- FIRST EDITION

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SuGIK STUDENTS
UCM - SECOND EDITION

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SuGIK STUDENTS
UCM - THIRD EDITION

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STUDENTS' RESULTS
THREE EDITIONS

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NUMBER OF GRADUATES AND TYPES OF DIPLOMAS AWARDED

UniCV

Number of Graduates - 23

Type of Diploma:

Postgraduate Diploma - 23

Master Degree - 0

UCM

Number of Graduates - 20

Type of Diploma:

Postgraduate Diploma - 14

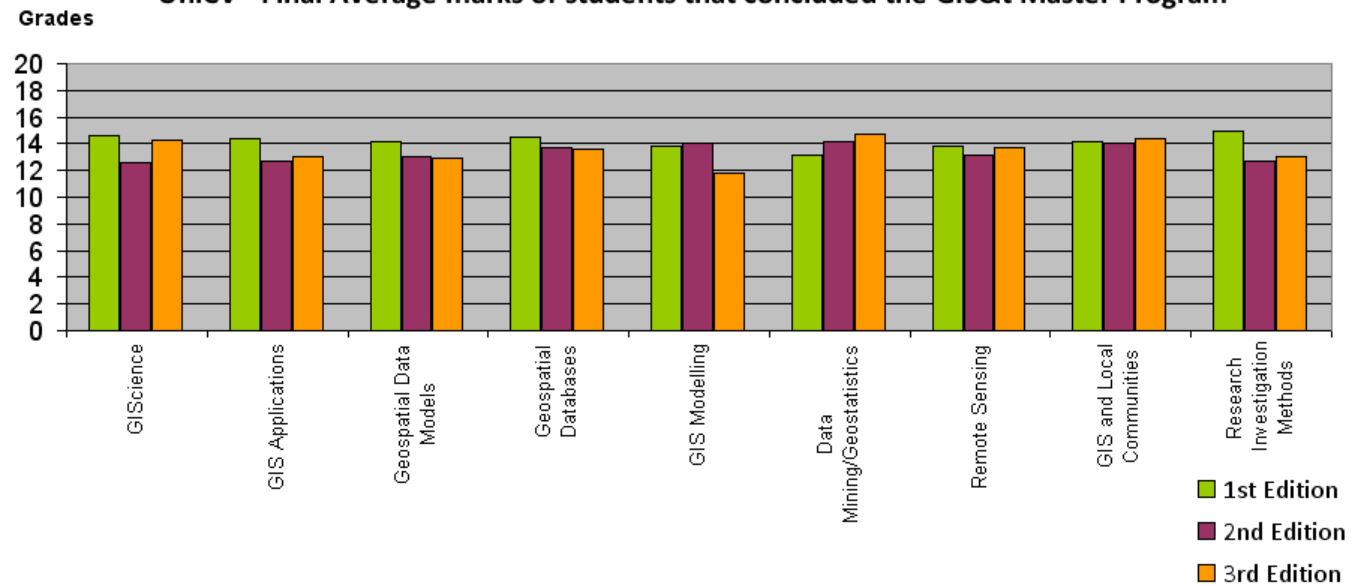
Master Degree - 6



STUDENTS' RESULTS
UniCV - THREE EDITIONS

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UniCV - Final Average marks of students that concluded the GIS&t Master Program

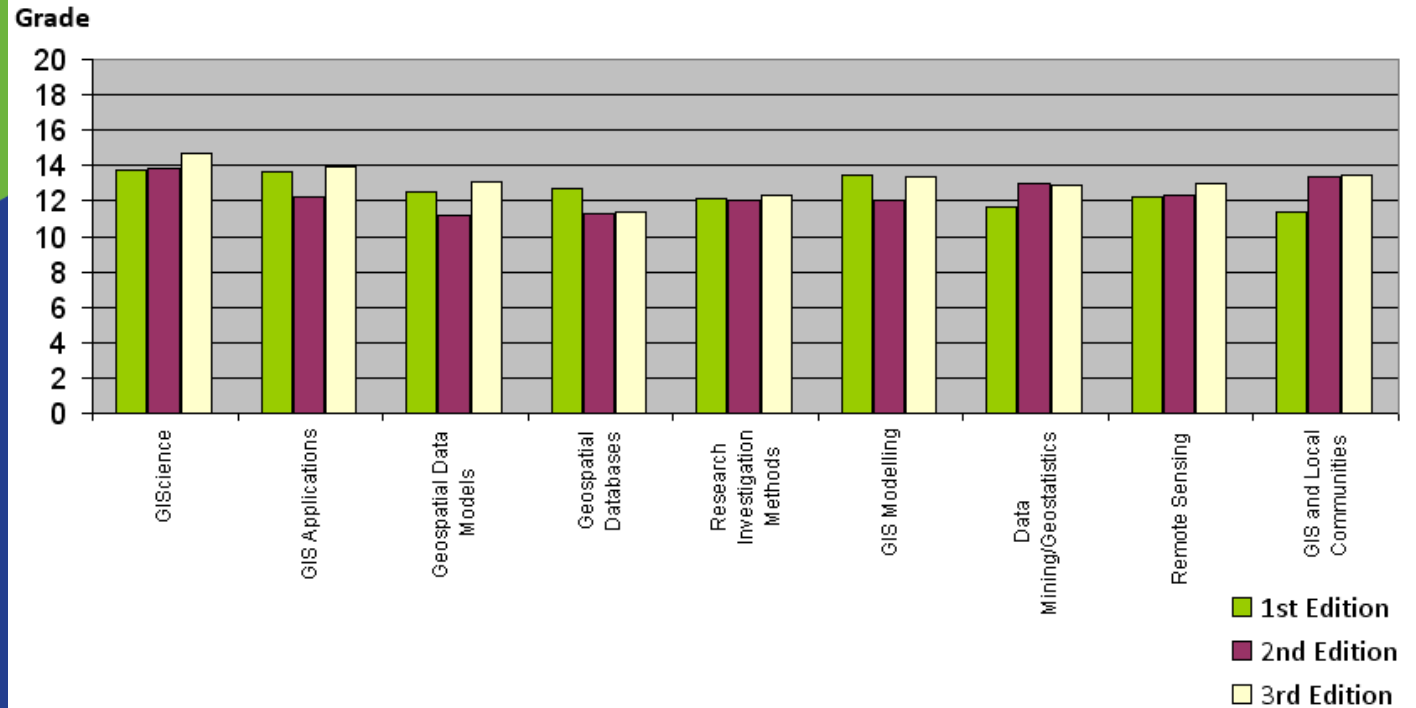




STUDENTS' RESULTS
UCM - THREE EDITIONS

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UCM -Final average marks of students that concluded the GIS&T Master Programme





STUDENTS' RESULTS
MASTER THESIS

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MASTERS THESIS PRESENTATION AND DEFENSE



Nelson Adame Cabá Amade
UCM

INTEGRATING GIS IN MOZAMBIQUE K12
EDUCATION PROGRAMS



António dos Anjos Luís
UCM

REMOTE SENSING AND GIS APPLICATION TO
MONITOR THE MANGROVES



STUDENTS' RESULTS
MASTER THESIS

MASTERS THESIS PRESENTATION AND DEFENSE

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Vitorino Ribeiro
UCM

A GIS MODEL FOR LANDFILL SITTING IN
MOZAMBIQUE



José Bacar Hussene
UCM

A GIS MODEL FOR ASSESSING THE VULNERABILITY
OF GROUND WATERS IN MOZAMBIQUE



STUDENTS' RESULTS
MASTER THESIS

MASTERS THESIS PRESENTATION AND DEFENSE

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Kenneth Viagem Marizane
UCM

A GIS LOCATION MODEL TO SUPPORT
PLANNING ACTIVITIES OF AN INDUSTRIAL
REGION – THE DONDO DISTRICT CASE STUDY



João Baptista Fenhame
UCM

A GIS LOCATION MODEL FOR BANKING
SERVICES PLANNING IN MOZAMBIQUE



STUDENTS' RESULTS
UCM - THREE EDITIONS

UCM- ONGOING MASTER THESIS

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Student	Theme of the GIS&T Master Thesis
Leonel Simango	WEBGIS applications for tourism and recreation activities
Sidney Macumbe	GIS for hydrological risk assessment
Edson Nhantumbo	Public Participatory GIS
Domingos Cazança	GIS for hydrological risk assessment
Luis Deixa Joaquim	Using GIS for landfill infrastructure location
Gina Siteo	GIS for malaria control and prevention



UniCV - ONGOING MASTER THESIS

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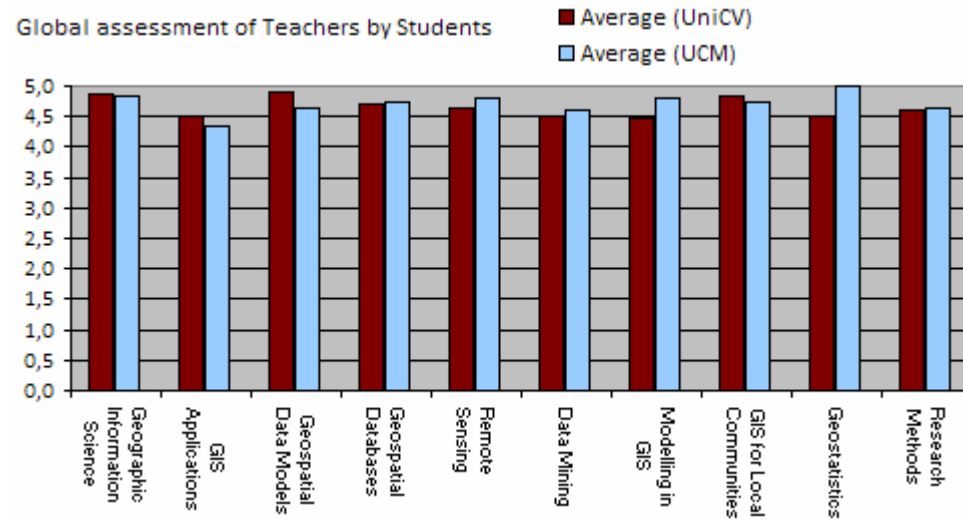
Student	Theme of the GIS&T Master Thesis
Ivete Ferreira	Development of a GIS model for the municipality of Praia
José Mario Nunes	WebGIS and Territory Planning
Evânia Levy dos Santos	A Geospatial Database for the future IGC of Cape Verde
Emanuel Furtado	Urban sprawl and GIS modelling
Deborah Vera-Cruz	GIS applications for water supply systems
Amândio Furtado	Using GIS on the 2010 Census in Cape Verde
Helena Fortes	Potential uses of GIS for the prevention of traffic accidents
Leonilde Lima	Construction of National Spatial Data Infrastructures
Franciso Duarte	GIS and Urban Planning
José Eduardo Pires de Pina	Using GIS for ATM services location
Francisco Neves	GIS for Conservation and Restoring Nature
José Pina	Crime prevention using GIS technologies
Policarpo Mendes	GIS and Water Resources Planning
Adélia Correia	GIS for Conservation and Restoring Nature
Domingo Tavares	Using GIS for a landfill infrastructure location
Elizangelo Barros	GIS for Local Governance
Paula Dias	Public Participatory GIS
José Lino	GIS for hydrological risk assessment
Clodomir Pereira	Crime mapping in Praia
Wagner Sá Nogueira	Spatial Data Infra-Structures



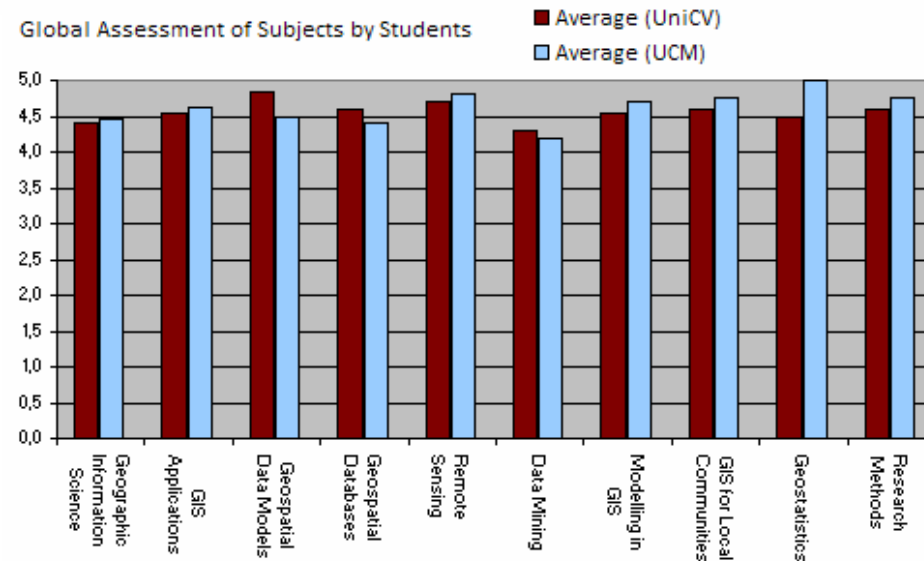
BEST PRACTICE MODEL
QUALITY STANDARDS

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Global assessment of Teachers by Students



Global Assessment of Subjects by Students



ACP-EU Cooperation Programme in Higher Education

EDU/INK

DISSEMINATION MODEL THE PROMOTION OF THE GIS&T MASTER PROGRAMME

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Universidade Católica de Moçambique: (one brochure per edition)

APRESENTAÇÃO

De acordo com o Regulamento de Acesso ao Curso de Pós-graduação em Ciências da Informação Geográfica da Universidade Católica de Moçambique (UCM)...

OBJECTIVOS

De acordo com os princípios gerais de acesso ao curso de pós-graduação em Ciências da Informação Geográfica da Universidade Católica de Moçambique (UCM)...

DESTINATARIOS

O Programa de Pós-graduação em Ciências da Informação Geográfica da Universidade Católica de Moçambique tem como objetivo preparar os alunos para atuar em áreas relacionadas com a utilização de SIG...

CRITÉRIOS DE ADMISSÃO

De acordo com o Regulamento de Acesso ao Curso de Pós-graduação em Ciências da Informação Geográfica da Universidade Católica de Moçambique (UCM)...

PROCESSO DE INSCRIÇÃO E MATRÍCULA

De acordo com o Regulamento de Acesso ao Curso de Pós-graduação em Ciências da Informação Geográfica da Universidade Católica de Moçambique (UCM)...

Universidade de Cabo Verde: (one brochure per edition)

PROGRAMA DE ESTUDOS

O Programa de Pós-graduação em Ciências da Informação Geográfica da Universidade de Cabo Verde tem como objetivo preparar os alunos para atuar em áreas relacionadas com a utilização de SIG...

Semestre	1º semestre	2º semestre	3º semestre	4º semestre
Matrícula	Geografia Geral	Geografia Geral	Geografia Geral	Geografia Geral
1º semestre	Geografia Geral	Geografia Geral	Geografia Geral	Geografia Geral
2º semestre	Geografia Geral	Geografia Geral	Geografia Geral	Geografia Geral
3º semestre	Geografia Geral	Geografia Geral	Geografia Geral	Geografia Geral
4º semestre	Geografia Geral	Geografia Geral	Geografia Geral	Geografia Geral

INCENTIVOS

De acordo com o Regulamento de Acesso ao Curso de Pós-graduação em Ciências da Informação Geográfica da Universidade de Cabo Verde...

PROTÓCOLOS DE COLABORAÇÃO

De acordo com o Regulamento de Acesso ao Curso de Pós-graduação em Ciências da Informação Geográfica da Universidade de Cabo Verde...

INFORMAÇÕES GERAIS

De acordo com o Regulamento de Acesso ao Curso de Pós-graduação em Ciências da Informação Geográfica da Universidade de Cabo Verde...

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CURSO DE MESTRADO EM C&SIG

3º Edição
Universidade de Cabo Verde



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PARTICIPATION IN 9 CONFERENCES/SEMINARS:

1. "2008 ESRI Education User Conference" , August 2-5, San Diego, California, USA.
2. "Os Dias do Desenvolvimento 2008", IPAD, 5-7 of July 2008, Lisbon's Congress Centre
3. The 2nd "EDULINK Stakeholder Conference"- Guiana, Georgetown, 27- 28 February 2009
4. The 3rd EDULINK Stakeholders Conference – ISEGI-UNL, Lisbon, 01 – 02 October 2009
5. "Os Dias do Desenvolvimento 2009", IPAD, Lisbon's Congress Centre, 22nd of April 2010,
6. The 4th EDULINK Stakeholder Conference - ACP House in Brussels, 26 - 28 October 2010
7. International Conference InterTIC 2010, Oviedo, Spain, December 2010
8. "Cooperation Exhibition / XXI Meeting of the Association of the Portuguese Language Universities (AULP)", held on the Polytechnic Institute of Bragança, 7-8 of July 2011.
9. 6ª Conferência Ibérica Sistemas e Tecnologias Informação (CISTI'2011) Portugal / Chaves. 15th – 18th June 2011.



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POSTERS PRESENTED (5):

- a) Painho, M.; Martins, M. R. O.; Curvelo, P.; Jorge, A. (2008), "Projectos Cooperação e Desenvolvimento - ISEGIUNL"; poster presented at "Os Dias do Desenvolvimento 2008", IPAD, 5-7 of July 2008, Centro de Congressos Lisboa.
- b) Neto, M.(2009), Poster - EDULINK Stakeholder Conference 2009 - Guiana, Georgetown, 27- 28 February 2009
- c) SuGIK's poster presented at "Os Dias do Desenvolvimento" which was held at Lisbon's Congress Centre on the 22nd of April 2010
- d) SuGIK's poster presented at "Os Dias do Desenvolvimento" which was held at Lisbon's Congress Centre on the 22nd of April 2010
- e)Poster presented at the "Cooperation Exhibition / XXI Meeting of the Association of the Portuguese Language Universities (AULP)", held on the Polytechnic Institute of Bragança, between the 7-8 of July 2011.

(available at: <http://sugik.isegi.unl.pt/public/project/?tipo=5&content=3&seccao=12&subseccao=15>)





SuGIK

Sustainable Geographic
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UniCV - 1st Edition Opening Ceremony [January 19th, 2009]





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UniCV - 2nd Edition Opening Ceremony [September 14th, 2009]





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UniCV - 3rd Edition Opening Ceremony [September 13th, 2010]





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UCM - 1st Edition Opening Ceremony [March 9th, 2009]





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UCM - 2nd Edition Opening Ceremony [February 8th, 2010]





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UCM - 3rd Edition Opening Ceremony [January 24th, 2011]





UCM - GIS Day Initiative [November 16th, 2011]

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PAPERS PUBLISHED (6):

- a) Painho, M.; Curvelo, P. (2008), "Geographic Information Knowledge Transfer for a Sustainable Postgraduate Education", in Proceedings of the 2008 ESRI Education User Conference , August 2-5, San Diego, California, USA.
- b) Pina, J., Correia, A., Negreiros, J.: Criminality Management of Praia City, Cape Verde. Six Iberia Conference of IT, Rocha, Gonçalves, Cota and Reis (Edts), II Vol, pp. 29-32, ISBN 978-989-96247-5-7, Chaves, Portugal (Jun 11)
- c) Lima, L., Negreiros, J.: The Ozone Layer in São Paulo - Brazil, CAPTAR – Environmental Science, Pereira, R. and Soares, A. (Eds), Vol. 3, Number 1, pp. 60-65 (<http://captar.web.ua.pt/index.aspx?op=verResumo&ID=366>), ISSN 1647-323X, Portugal (Jun 11)
- d) Furtado, A., Negreiros, J.: Temperature Spatial Modulation of Santiago, Cape Verde, Island with GeoStatistical Analyst, CAPTAR – Environmental Science, Pereira, R. and Soares, A. (Eds), Volume 2, Number 3, pp. 46-54, ISSN 1647-323X, Portugal (Oct 10)
- e) Silva, J., Monteiro, P., Negreiros, J.: Spatial Modulation of Rainfall in Santiago, Cabo Verde, with GeoStatistical Analyst©, International Association for the Scientific Knowledge – InterTIC International Conference, Pedro Acosta & Pedro Cravo (Eds), ISBN 978-989-06-04, pp. 272-276, Oviedo, Spain (Dec 10)
- f) Nogueira, W. 1, Alves, G.2, Negreiros, J. (forthcoming) Modelação Espacial da Concentração de Sulfatos na Bacia Hidrográfica do Tejo.



THE END OF THE PROJECT
THE CONTINUITY OF THE STRATEGY

SuGIK

Sustainable Geographic
Information Knowledge
Transfer for Postgraduate
Education

ESTABLISHMENT OF A LONG LASTING AND EFFECTIVE REGIONAL AND NATIONAL PARTNERSHIP NETWORK

By supporting UniCV and UCM with training, quality standards, resources and technologies, the **SuGIK** project enhanced the overall management, academic, and technological capacity of these two higher education institutions, allowing the transfer and the implementation of three editions of a GIS&Science postgraduate programme.

At the end of the project, the SuGIK Consortia recognized the relevance of this Action to directly address the lack of GIS&T professionals in both countries.

The concepts of “knowledge transfer” and “capacity building”, transversal to the proposed approach, provided the frame for mutually beneficial structural and educational development in a perspective of long-term collaboration that will allow other network co-operation initiatives and further study and skills transfer opportunities between the two African partners and other European institutions.

Contact:

Prof. Doutor Marco Painho
Instituto Superior de Estatística e
Gestão de Informação –
Universidade Nova de Lisboa

Tel: 00351 21 3870413

Fax: 00351 21 3872140

Email: painho@isegi.unl.pt

Website: <http://www.isegi.unl.pt>

SuGIK Website:

<http://sugik.isegi.unl.pt/>