

REVIEW AND EVALUATION OF THE RESEARCH PROJECT

“VISUAL IMPACT ANALYSIS OF OFFSHORE WIND FARMS IN CANTABRIA”

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OBJETIVE

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REVIEW AND VALUATION
“Assessment Guide”

3

CONCLUSION

1. OBJETIVE

FOR WHAT?

• **ASSESSMENT GUIDE**

• **BÁSIC
COMPETENCY**

• **RESEARCH PLAN**

• **COURSE
DOCTORATE**

HOW?

WHEN?



SCIENCE AND TECHNOLOGY

- **Bibliographic review**
Paper, Bibliography, normative, etc.

TECHNOLOGY

- **Software**
MOYSES V4.0, GIS.

FORMATION ACTIVITIES

- **Campus Virtual**
<https://campusvirtual.unican.es/Alumnos/OpcionesExpedienteFrw.aspx>

1

COURSES AND WORKSHOPS

TITLE

- ✓ COMPUTATIONAL MODELING IN ENGINEERING.
- ✓ ADVANCED STATISTICS COURSE WITH R.
- ✓ USE AND ANALYSIS OF THE GIS SPACE COMPONENT.
- ✓ BASIC COURSE ON PRESENTATION TECHNIQUES OF SCIENTIFIC WORK.
- ✓ ADVANCED COURSE ON THE PROFESSIONAL FUTURE OF THE DOCTOR.
- ✓ COMPUTER GRAPHICS APPLIED TO MODELING THE VISUAL IMPACT.
SUBJECT M189.

2

COURSES AND WORKSHOP

TITLE

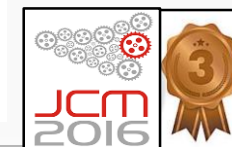
- ✓ WORKING DAY EIDEIC I. (MAY OF 2015).
- ✓ WORKING DAY EIDEIC II. (MAY OF 2016).

POSTERS, CONFERENCES AND CONGRESS COMMUNICATIONS

3

TITLE

✓ VIRTUAL REALITY TO ASSESS VISUAL IMPACT IN WIND ENERGY PROJECTS.



✓ VISUAL IMPACT ANALYSIS OF OFFSHORE WIND FARMS IN CANTABRIA.



✓ ANALYSIS OF VISIBILITY AND VISUAL IMPACT CRITERION. METHODOLOGY FOR USE INFRASTRUCTURE PROJECTS.

✓ EVALUATION OF THE VISUAL IMPACT OF WIND FARMS. DEVELOPMENT METHODOLOGY AND SPECIFIC SOFTWARE OF VISUAL ANALYSIS THAT ALLOWS TO EVALUATE IN PHASE OF PROJECT.



RESULTS ANNUALS

PLANNED RESULTS OBTAINED

- Review of: Papers, bibliography, guidelines, etc.
- Analysis of results: Review and organization of the results in Moyses V4.0 and GIS.
- Write Thesis: (January).

PLANNED RESULTS NOT OBTAINED

- Finalize the review of the results.

UNPLANNED RESULTS OBTAINED AND REPORTED

- Presentation of the paper: “***Virtual reality to assess visual impact in wind Energy Projects***”. JCM in Catania/ 2016.

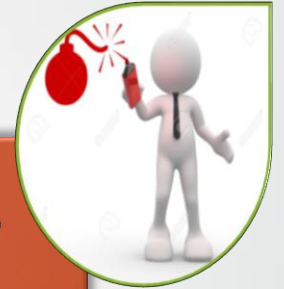
OBJECTIVE INDICATORS OF RESULTS

- The Paper submitted in JCM 2016 was third place winner, and published in IJIDeM (Springer/2017).

ANALYSIS SWOT



- ✓ Software tools.
- ✓ Research Group Experience.
- ✓ Formation activities.



- ✓ Lack of training in English.
- ✓ Lack of training in GIS.




- ✓ Dissemination of the research topic in other educational centers.

- ✓ Lack of the financing.



WORKPLAN 2017-2018

No.	ACTIVITY	YEAR 2017												YEAR 2018			
		MARCH	APRIL	MAY	JUN	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	JANUARY	FEBRUARY	MACH	APRIL		
1	REVIEW OF THE RESULTS OBTAINED IN THE APPLICATION MOYSESV4.0																
2	WRITING AND REVIEW OF THESIS																
3	PRESENTATION THIRD EIDEIC 2017 MEETING																
4	ELABORATION OF A PAPER AND PRESENTATION FOR A JOURNAL OR CONGRESS																
5	EVALUATION CRITERIA FOR AUTORIZATION AND DEPOSIT OR THE THESIS																
6	APPLICATION FOR THESIS DEPOSIT IN THE ACADEMIC MANAGEMENT OFFICE																
7	THESIS DEPOSIT																
8	PREPARATION OF THESIS READING																
9	THESIS READING																

MOBILITY

- Stay at UPB University in Colombia.

FINANCING

- Presentation of proposals in the state research plan in the years 2014, 2015, 2016.

CONCLUSION

1

The personal revision of the guide, allowed me to carry out a critical and detailed analysis of the state of the project and to verify the competences that I had to strengthen.

THANKS FOR YOUR ATTENTION.

The screenshot shows the website for GrupoEgiCAD I+D. At the top left, there are logos for UC Universidad de Cantabria and the group itself. The main header includes a navigation menu with items: Inicio, Docencia, Investigación, Publicaciones, Oferta Tecnológica, and Login, along with a search bar. Below the menu is a large map of the Santander region, highlighting the 'PARQUE NATURAL DUNAS DE' area. Under the map, the text reads 'Sistemas de Información Geográfica' and 'Diseño, planificación y gestión geográfica'. Below this are three columns of text:

- ¿Quiénes somos?**
EgiCAD es un Grupo de Investigación en la Expresión Gráfica de la Ingeniería y el CAD. Su actividad se centra en el diseño asistido por ordenador como herramienta de expresión gráfica en la ingeniería, avalada por amplios años de experiencia docente, investigadora, publicaciones y desarrollo de convenios y colaboraciones con autoridades públicas y empresas privadas.
Más Info...
- ¿Qué hacemos?**
Los principales líneas de trabajo de EGICAD son la docencia, la investigación y la oferta de servicios tecnológicos, siempre en temas relacionados con el CAD (diseño asistido por ordenador), el desarrollo de software GIS, el diseño geométrico de mallas espaciales, así como la simulación y análisis de impacto visual en proyectos de ingeniería.
Más Info...
- ¿Dónde estamos?**
El grupo de investigación se encuentra en:
Escuela Técnica Superior de Ingenieros Industriales y de Telecomunicación.
Escalera C, planta -2
Universidad de Cantabria.
Tf: 0034 942 200 925/26
Más Info...

<http://www.egicad.unican.es/>