

## Sébastien GIORDANO

28 years  
French  
Single  
Driving Licence

[sebastien.giordano@ensg.eu](mailto:sebastien.giordano@ensg.eu)

☎: +33 (0)1 64 15 31 96

## National School of Geographic Sciences (ENSG-IGN) Aerial and Spatial Imagery Department (DIAS)

6 et 8 Avenue Blaise Pascal  
Cité Descartes - Champs-sur-Marne  
77455 Marne la Vallée Cedex 2

☎: +33 (0)1 64 15 31 01

Fax : +33 (0)1 64 15 31 07

### Geomatics Engineer Systems Analyst

#### CURRENT POSITION

**2010-present**      **Teacher-Researcher at the ENSG**, National School of Geographic Sciences  
**Aerial and Spatial Imagery Department - Laboratory for Research in Applied Geomatics**  
Teaching Skills: **Image Processing** and **Remote Sensing**  
PhD research (as of 09/2010) : **Optic and Radar Data Fusion for Land Cover Classifications**

#### PROFESSIONAL EXPERIENCES

**2005-2010**      **R&D Engineer at the IGN**  
Skills: Digital Photogrammetry, Digital Cartography, GIS & Development Informatics.

- Software Developer on the IGN Orthophoto production line.
- Team Leader in charge of the Large Scale Photogrammetric Surveys (1/500 to 1/5000) – Production of large scale topographic databases and digital terrain models

Projects in association with IGN France International :

- Photogrammetric surveys carried out with IKONOS imagery on French Polynesia
- Luxembourg topographic database updated with photogrammetric surveys to produce a differential database

**2005**      **Evaluation of land use classifications systems to meet the needs of the United Nations Convention to combat Desertification.**  
*Food and Agriculture Organization (FAO) of the United Nations – Rome - Italy*

**2004**      **Spatial Analysis of *Patella ferruginea* populations in the Strait of Bonifacio Marine Park (Corsica)**  
*Coastal Marine Laboratory –(LEML, Nice)*

**2003**      **Website Development and Database Design of an internet site on the evolution of French territories and populations since 1801**  
*National School of Social Sciences : EHESS - Paris*

**2003**      **Fieldwork in Geodesy, Photogrammetry, Topometry and Remote Sensing**  
Personal project : “SPOT5 imagery for landslide risk assessment”  
*IGN - Forcalquier (04)*

#### EDUCATION

**2009**      **Computer Systems Analyst Degree** (*EVAFI certification from Ministry of Environment and Sustainable Development*)

**2004/2005**      **Master of Science in Natural Resource Management** (*Cranfield University at Silsoe, UK*)

**2002/2005**      **Master of Engineering in Geomatics** – (*National School of Geographic Sciences - ENSG - IGN, Marne-la-Vallée, France*)

**2000/2002**      **Preparatory School specialized in Mathematics and Physics** (*Lycée Massena, Nice, France*)  
(*Preparatory Schools prepare for national competitive exams to enter “Grandes Ecoles”*)

**2000**      **Academic High School diploma in Sciences (Baccalauréat)** specialized in Mathematics, graduated with honours  
(*Lycée Saint-Exupéry, Saint Raphaël, France*)

#### OTHER SKILLS

<b>Languages</b>	<u>French:</u>	Mother tongue
	<u>English:</u>	Fluent (1 year in England) – C1
	<u>Spanish:</u>	Good level (7 years) – B2
	<u>Italian:</u>	Basic knowledge (3 months in Italy) – A2
<b>Software</b>	<u>GIS :</u>	Geomedia Professional, ArcGIS, Mapinfo, GeoConcept, Microstation
	<u>Image Processing :</u>	ENVI,Definiens eCognition, Erdas Imagine, ER Mapper, Photoshop
	<u>Other :</u>	GeoView : IGN Photogrammetric Software
<b>Programming Languages</b>	C++,Visual Basic, Java, html, SQL, PHP	

#### MISCELLANEOUS

**Hobbies**      Guitar, Oenology

**Sports**      Basket-ball, Volley-ball (*Section President*) and Squash practiced in league competition