

Curriculum Vitae

GENERAL INFORMATION

Name	Yáñez Rausell
First Name	Lucía
Date of birth	13th July 1979
Place of birth	Madrid, Spain
Nationality	Spanish
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EDUCATION

2008 – present	PhD. candidate at the Laboratory of GIS and Remote Sensing, Wageningen Univeristy, The Netherlands
2004 – 2006	MSc. in Geo-information Science and Remote Sensing, Wageningen University, Wageningen, The Netherlands.
2001 – 2006	MSc. in Forestry Engineering, ETSI Montes, Universidad Politécnica de Madrid, Madrid, Spain.
1997 – 2000	Bachelor of Science in Forestry Engineering, ETSI Montes, Universidad Politécnica de Madrid, Madrid, Spain.

RESEARCH/ PROFESSIONAL EXPERIENCE

Oct 2007 – present	Marie Curie Early Stage Researcher within the Hyperspectral Imaging Network (HYPER-I-NET). HYPERINET is an FP6 Marie Curie Research Training Network designed to build an interdisciplinary European research community focusing on hyperspectral imaging activities. The appointment is for 3 years and focuses on physiological status assessment of coniferous forest affected by natural disturbances using imaging spectroscopy and radiative transfer modeling. The appointed researcher will developed the work within Wageningen University, University of Zurich and Academy of Sciences of the Czech Republic. A fourth year funding will be covered by Wageningen University after the HYPERINET project towards the completion of a PhD degree. Supervisors: Dr. Michael Schaepman (michael.schaepman@geo.uzh.ch); Dr. Jan Clevers (Jan.Clevers@wur.nl).
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- Dec 2006-July 2007 Remote Sensing Image Analyst. Commonwealth Scientific and Industrial Research Organization (CSIRO), Land & Water, Environmental Remote Sensing Group, ACT, Australia. Mapping depth and benthic habitats of a remote coral reef using a semi-analytical inversion/optimization approach and Quickbird data. Supervisors: Dr. A. Dekker (Arnold.Dekker@csiro.au).
- Aug 2006- Nov 2006 Trainee. Commonwealth Scientific and Industrial Research Organization (CSIRO), Land & Water, Environmental Remote Sensing Group, ACT, Australia. Analysis of the water quality of Gippsland Lakes (Victoria) by means of Satellite imagery. Supervisors: Dr. A. Dekker (Arnold.Dekker@csiro.au).
- Aug 2005- Apr 2006 Trainee. German Aerospace Center (DLR), Munich, Germany. Investigation of the potential of hyperspectral sensors for bathymetry applications using airborne HyMap data from Lake Constance (MSc Thesis). Supervisors: Dr. Michael Schaepman (Michael.Schaepman@wur.nl); Dr.P. Gege (peter.gege@dlr.de).
- Aug 2004 Remote Sensing Technician. Forestry Research Institute of Iceland, Reykjavik, Iceland. Working with SPOT and LANDSAT satellite images on forestry applications.
- Jul-Aug 2004 Forestry technician. Iceland Forest Service, Selfoss, Iceland Forest management tasks such as reforestations, plantation protection, and path design.

CONFERENCE CONTRIBUTIONS

- July 2008 Yáñez, L., Homolová, L., Malenovský, Z., Schaepman, M., 2008. Geometrical and Structural Parameterization of Forest Canopy Radiative Transfer by LIDAR Measurements. International Archives of Photogrammetry, Remote Sensing and Spatial Information Sciences 37 (Part B7), 45-50.
- May 2007 M. Wettle, V. E. Brando, A. G. Dekker, L. Yanez, S. R. Phinn, C. Roelfsema. Mapping depth and benthic habitats of a remote coral reef using a semi-analytical inversion/optimization approach and Quickbird data. GeoHab 2007, Marine Benthic Habitats of the Pacific and Other Oceans: Status, Use, and Management. 2-6 May 2007, Institute for Research & Development (IRD). Noumea, New Caledonia.
- April 2007 L. Yanez, P. Gege, T. Heege, M. Schaepman. Investigation of the potential of hyperspectral sensors for bathymetry applications using airborne HyMap data from Lake Constance. 5th EARSeL SIG IS Workshop "Innovation in environmental research" Bruges, Belgium. 23-25 April 2007. Poster presentation. Awarded as "Winning poster of the workshop".

LAST ATTENDED MEETINGS

- Oct 2008 2nd HYPER-I-NET summer school, at Wageningen University, Wageningen, The Netherlands.
- June 2008 2nd PHYSENSE (physically based remote sensing of forest) workshop at Helsinki University. Helsinki, Finland. Organized by Nordic Network of PHYSENSE
- Oct 2007 1st HYPER-I-NET summer school at Universidad de Extremadura, Caceres, Spain

FIELDWORK EXPERIENCE

- July - Aug 2008 Flight and Field campaign in the Alps (France) within the ECOCHANGE project. Tasks during the campaign and data post processing: 1) Spectral ground measurements of calibration targets with ASD FieldSpec PRO and Hemispherical pictures of open sky during overflight; 2) Sampling of different grass species and subsequent optical properties measurements using ASD FieldSpec PRO coupled with a LiCOR integrating sphere; 3) Post-processing of optical properties; 4) Biochemical parameters retrieval at canopy level using radiative transfer models (in progress).
- Oct 2006 Lake Conjola CSIRO field campaign. Task during campaign: Training for measurement of inherent/apparent optical properties and concentrations of the water constituents. Optical instruments used: RAMSES, HydroScat 6 and AC9. 17 to 21 October 2006, Lake Cojola, New South Wales, Australia.

COMPUTER EXPERIENCE

ENVI Image Processing, Xdibias Image Processing. Arc View. IDL programming, MATLAB (basic)

LANGUAGE SKILLS

- English (fluent).
- German (*Grundstufe* level).
- Portuguese (intermediate).
- Spanish (Mother tongue).

ACADEMIC SERVICE

2001 – 2002 Representative of Forestry Engineering at the Student Council. U.P.M. Madrid.

1999 – 2001 Member of the Directing Board of the “Mountaineer Club” of the School of Forestry Engineer UPM. Madrid.

1998 – 2001 Member of the Directing Board of the University Association “Cooperacion Forestal” (COF). UPM Madrid.

LICENSES AND PERSONAL INTERESTS

- Driving license
- Mountain climbing, traveling, Tae Kwon Do (martial art)

REFEREES

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