



## **Andres Calabia Aibar**

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**Andres Calabia Aibar**

Surname(s): **Calabia Aibar**  
 Name: **Andres**  
 Date of birth: **28/06/1981**  
 Nationality: **Spain**  
 Country of birth: **Spain**  
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**Current professional situation only if working (not if unemployed)**

**Name of the entity:** Universidad Politécnica de Madrid      **Type of body:** University  
**Category / Title of position or responsibility:** Profesor Ayudante Doctor      **Educational management:** Yes  
**City of job:** Madrid, Community of Madrid, Spain  
**Start date:** 01/09/2022  
**Modality of the contract:** Temporary employment contract      **Type of dedication:** Full time

**Positions held before current job**

	<b>Name of the entity</b>	<b>Category / position or responsibility</b>	<b>Start date</b>
<b>1</b>	Nanjing University of Information Science and Technology (NUIST)	Ass. Professor	01/10/2018
<b>2</b>	Rural Payments Agency	Geomatics Engineer	01/06/2013
<b>3</b>	Empresa Constructora Familiar (EMCOFA) S.A	Vice-Chief Engineer	01/10/2006
<b>4</b>	Land Surveying, Const. Inge. Serv. Gest. Agua (CISGA) S.A.	Ingeniero en Geomatica	01/01/2005

**1** **Name of the entity:** Nanjing University of Information Science and Technology (NUIST)      **Type of body:** University  
**City of job:** Otros, China  
**Category / position or responsibility:** Ass. Professor      **Teaching Management:** Yes  
**Start date:** 01/10/2018      **Duration:** 3 years - 7 months  
**Type of dedication:** Full time

**2**



**Name of the entity:** Rural Payments Agency  
**City of job:** Extra-Regio, United Kingdom  
**Category / position or responsibility:**  
Geomatics Engineer  
**Start date:** 01/06/2013  
**Type of dedication:** Full time

**Type of body:** State agency  
**Teaching Management:** No  
**Duration:** 7 months

**3** **Name of the entity:** Empresa Constructora Familiar (EMCOFA) S.A  
**City of job:** Extra-Regio, Spain  
**Category / position or responsibility:** Vice-Chief Engineer  
**Start date:** 01/10/2006  
**Type of dedication:** Full time

**Type of body:** Business  
**Teaching Management:** No  
**Duration:** 2 years - 3 months

**4** **Name of the entity:** Land Surveying, Const. Inge. Serv. Gest. Agua (CISGA) S.A.  
**City of job:** Extra-Regio, Spain  
**Category / position or responsibility:** Ingeniero en Geomatica  
**Start date:** 01/01/2005  
**Type of dedication:** Full time

**Type of body:** Business  
**Teaching Management:** No  
**Duration:** 1 year - 9 months



## Training received

### University education

#### Diplomas, degrees and engineering degrees

- 1 Official University Qualification:** Higher degree  
**Name of qualification:** Ingeniero en Geodesia y Cartografía  
**City of qualification:** Alcalá De Henares, Community of Madrid, Spain  
**Entity issuing the qualification:** Universidad de Alcalá      **Type of body:** University  
**Date of qualification:** 04/01/2012
- 2 Official University Qualification:** Higher degree  
**Name of qualification:** Ingeniero Técnico Topógrafo  
**City of qualification:** Catalonia Autonomous city, Spain  
**Entity issuing the qualification:** Universitat Politècnica de Catalunya      **Type of body:** University  
**Date of qualification:** 23/06/2011

#### Doctorates

**Doctorate:** Doctor  
**University issuing the title:** University of Chinese Academy of Sciences      **Type of body:** University Department  
**City of qualification:** Otros, China  
**Date of qualification:** 28/05/2017  
**Thesis title:** Thermospheric neutral density variations from Low Earth Orbit accelerometers and precise orbits

## Teaching experience

### Teaching work

- 1 Type of teaching:** Official teaching  
**Name of subject/ name of course:** Geodesy  
**Type of programme:** Master's degree      **Type of teaching:** Practical work (classroom-problems)  
**Type of subject:** Others  
**Title:** Geomatics Science and Technology  
**Hours/credits:** Hours  
**Number of hours/credits:** 96  
**Body where project took place:** Nanjing University of Information Science and Technology (NUIST)      **Type of body:** University  
**Department:** School of Remote Sensing and Geomatics Engineering



- 2** **Type of teaching:** Official teaching  
**Name of subject/ name of course:** GNSS  
**Type of programme:** Others **Type of teaching:** Practical work (classroom-problems)  
**Type of subject:** Others  
**Title:** Surveying and Mapping Engineering  
**Hours/credits:** Hours  
**Number of hours/credits:** 0  
**Body where project took place:** Nanjing University of Information Science and Technology (NUIST) **Type of body:** University  
**Department:** School of Remote Sensing and Geomatics Engineering
- 3** **Type of teaching:** Official teaching  
**Name of subject/ name of course:** Física I  
**Type of programme:** Others **Type of teaching:** In person theory  
**Type of subject:** Others  
**Title:** Grado en Ingeniería de las Tecnologías de la Información Geoespacial  
**Hours/credits:** Credits  
**Number of hours/credits:** 6  
**Body where project took place:** Universidad Politécnica de Madrid **Type of body:** University  
**Department:** Ingeniería Topográfica y Cartografía (N)
- 4** **Type of teaching:** Official teaching  
**Name of subject/ name of course:** Física II  
**Type of programme:** Others **Type of teaching:** In person theory  
**Type of subject:** Others  
**Title:** Grado en Ingeniería Geomática  
**Hours/credits:** Credits  
**Number of hours/credits:** 6  
**Body where project took place:** Universidad Politécnica de Madrid **Type of body:** University  
**Department:** Ingeniería Topográfica y Cartografía (N)
- 5** **Type of teaching:** Official teaching  
**Name of subject/ name of course:** Física II  
**Type of programme:** Others **Type of teaching:** In person theory  
**Type of subject:** Others  
**Title:** Grado en Ingeniería de las Tecnologías de la Información Geoespacial  
**Hours/credits:** Credits  
**Number of hours/credits:** 6  
**Body where project took place:** Universidad Politécnica de Madrid **Type of body:** University  
**Department:** Ingeniería Topográfica y Cartografía (N)
- 6** **Type of teaching:** Official teaching  
**Name of subject/ name of course:** Física I  
**Type of programme:** Others **Type of teaching:** In person theory  
**Type of subject:** Others  
**Title:** Grado en Ingeniería Geomática  
**Hours/credits:** Credits



**Number of hours/credits:** 6

**Body where project took place:** Universidad  
Politécnica de Madrid

**Department:** Ingeniería Topográfica y Cartografía (N)

**Type of body:** University