



**Centro de Estudios Avanzados en Zonas Áridas (CEAZA),**

**Regional Unit of Scientific and Technological Development (CONICYT)**

**P.O. box 599-La Serena-Chile**

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**<http://www.ceaza.cl>**

**Remote Sensing Expert**

**Essential tasks:**

Spatial pattern analysis of past and future changes in biological productivity of terrestrial and coastal natural ecosystems.

Assessment of the impact of human technological advances on current and potential productivity of terrestrial and coastal ecosystems under culture.

Provide information and support for developing precision agriculture.

**Qualifications:**

- Ph.D. degree in remote sensing
- Post doctoral researcher experience

**Special skills:**

- Ability to analyse and interpret multispectral satellite images and high/middle definition hyperspectral air images
- Radiometric and spectral radiometric field experience
- Satellite image database management
- Demonstrable experience in advanced processing of remotely sensed data, preferably ENVI & IDL software.
- Fluent in technical and scientific English
- Ability to work in interdisciplinary teams

**Duties:**

- Temporal and spatial changes analysis, by means of spectral signature of cultivated areas in coastal and dryland ecosystems
- Development of proposals for new research
- Data management
- Obtain Biogeophysical info as input variables at patterns of mathematical modeling
- Support to the precision agriculture research and technological management area
- Mainstream journal publishing

**Requirements**

- Curriculum Vitae, and two letters of recommendation
- Official translations of certificates of qualifications
- Reprints of publications
- Gross salary \$ 1.250.000
- Dead line june 20, 2008

Please, send documents to: Ing. Claudio Vásquez P., Manager of Centro de Estudios Avanzados en Zonas Áridas (CEAZA), Casilla 599, La Serena – Chile.

It's possible to request a personal interview and formal conference during the selection process.