



## EXECUTIVE SECRETARIAT

### VACANCY NOTICE

CILSS seeks to recruit a **Geographic Information System (GIS) Expert** for the “Capitalization of sustainable soil fertility improvement actions for decision-making in Burkina Faso (FERSOL- FOOD/2007/144-101)” Initiative, charged with designing simple decision-making tools for action and investment purposes.

<b>Title of position:</b>	Geographic Information System (GIS) Expert
<b>Duty station:</b>	Ouagadougou- Burkina Faso
<b>Term of contract:</b>	Two years, renewable
<b>Classification:</b>	Grade A1 of CILSS salary scale
<b>Type of recruitment:</b>	Inter-State
<b>Closing date:</b>	<b>30 January 2009</b>
<b>Taking-up-duty date:</b>	01 March 2009

### CONTEXT AND JUSTIFICATION

CILSS, in partnership with the European Union, is implementing a programme called: “Capitalization of sustainable soil fertility improvement actions for decision-making in Burkina Faso” (*FERSOL*). This five (5)-year programme aims at ensuring capitalization of sustainable agricultural and pastoral soil fertility management actions undertaken in Burkina Faso since the early 80s and to upgrade them with information and decision-making tools for national initiatives. This initiative is implemented by the CILSS Regional Support Programme for Food Security – Desertification Control – Population and Development (PRA SA-LCD-POP DEV).

### RESPONSIBILITIES

Under the authority of the Deputy Executive Secretary and the supervision of the PRA/SA/LCD-POP/DEV Coordinator, and in collaboration with FERSOL project management team, the GIS expert will be in charge of capitalizing sustainable soil fertility management experiences in Burkina Faso in order to ensure development and design of GIS applications and web mapping necessary for making action and investment decisions. Thus, the expert will be more specifically charged with :

- Designing, and providing the stakeholder community with a web mapping graphical user interface that upgrades the findings of studies undertaken, which form the basis of dialogue around programme and action formulation;
- Contribution to making a national inventory of investment activities for soil fertility improvement actions undertaken over the last 25 years;
- Contribution to the capitalization of experiences led in Burkina Faso, characterization of best practices and recommendations for research and extension work;
- Contribution to in-depth scrutiny of specific topics according to geographical, economic, strategic or sociological criteria;
- Sharing and dissemination of lessons learnt

### SELECTION CRITERIA

#### Core criteria

The incumbent must:

- Hold an Engineer’s degree, a MSc (DEA, DESS) or more or any other equivalent post-graduate degree in geography, geomatics, computer science or related fields of study, with at least 5 years experience in GIS development, web mapping and remote sensing;
- Have a sound experience in GIS applications and interface programming and development on the WEB like web mapping and socio-economic Databases (with maps and socio-economic indicators) and NOAA image management;

- Have good knowledge and experiences in geographic information system, remote sensing and in the use of low and high resolution (NOAA, LANDSAT, SPOT, etc.) digital data ;
- Have a good command of GIS and image treatment software: ESRI ArcGIS (ArcInfo - ArcView), MapInfo Professional, Idrisi, Erdas Imagine MapSource, Arc Catalog, Arc Map, Arc Explorer, chip and paint ShopPro;
- Have a good knowledge of the development environment of MapServer geo-referenced Internet applications;
- Have precise knowledge of specific soil fertility problems, strategies and know-how with regard to food security, poverty reduction, land degradation, pastoralism and rural land tenure;
- Have solid knowledge about capitalization (collection and dissemination of knowledge, information, best practices and relevant innovations relating to soil fertility via exchanges and publications);
- Have good aptitude for task analysis and management;
- Have a good command of one of the working languages of CILSS, namely French and/or English and ability to work in the other language.

### Desirable criteria

The incumbent must:

- Be knowledgeable about concepts of relational databases and experiences with applications involving SQL language.
- Be familiar with concepts of Web programming languages, such as PHP, CSS.
- Be able to work in a team and a multicultural environment.
- Have a good knowledge of the way regional or sub-regional institutions operate.
- Be able to carry out any work deemed necessary by the Coordinator of the Regional Programme.

### **REQUIREMENTS AND CONSTITUENT ELEMENTS OF APPLICATION**

Application documents should include the following:

- A letter of interest addressed to the CILSS Executive Secretary;
- An updated curriculum vitae certified true and correct by the applicant;
- Certified copies of the degrees or qualifications;
- Copies of work or employment certificates;
- A copy of the citizenship certificate showing that the applicant is a national of a CILSS member country: the candidate should be 50 years of age at the most at the time of the first recruitment by CILSS;
- Names and addresses of three (3) referees.

### **SUBMISSION OF APPLICATION**

Applications shall be sent to the following address and marked: "*Recruitment of a Geographic Information System (GIS) Expert. To be opened during the processing of applications only*".

The CILSS Executive Secretary  
 03 BP 7049 Ouagadougou 03 - Burkina Faso  
 Tel.: (226) 50 37 41 25/26 - Fax : (226) 50 37 41 32  
 E-mail : [cilss.se@cilss.bf](mailto:cilss.se@cilss.bf) – Site Web : [www.cilssnet.org](http://www.cilssnet.org)

Done in Ouagadougou on 30 December 2008

**For the Executive Secretary and by order**

**Issa Martin BIKIENGA**  
**Deputy Executive Secretary**