



2023 Recruitment Job Sheet

Assistant professor

ENTPE

(Graduate school of Civil, Environmental and Urban Engineering)

Job Title:	Assistant professor "Technical intervention in inhabited environment"
Discipline(s):	Sociology, geography, planning, history, anthropology, political science
Specialty(ies):	Housing field
Laboratory:	Environnement Ville Société (EVS) UMR 5600 CNRS
Localisation:	ENTPE, Vaulx-en-Velin
Contact(s):	ENTPE : -Luc Delattre, Directeur de la recherche et de la formation doctorale, luc.delattre@entpe.fr ; Tél. : 04 72 04 70 90 -Antoine Le Blanc, Directeur de la formation initiale, antoine.leblanc@entpe.fr ; Tél. : 04 72 04 71 05 EVS : -Etienne Cossart, Directeur de l'UMR EVS, etienne.cossart@univ-lyon3.fr - Fabrice Bardet, directeur composante ENTPE du laboratoire EVS, bardet@entpe.fr

1-Context and issues

The ENTPE is a higher education and research establishment constituted as a public establishment of a scientific, cultural and professional nature (EPSCP) under the supervision of the Ministry of Ecological Transition. It is involved in training and research, in all professional fields of planning and management of urbanized territories:

- Buildings and infrastructure;
- Territorial development, urban policies, and town planning;
- Transport systems and mobility;
- Soils, water and anthropized hydrosystems: control of environmental impacts and preservation of hydrosystems.

In an increasingly competitive context, the major challenge for the ENTPE today is to position and have the school recognized even more assertively within the academic sphere as well as in the socio-economic world, at the both nationally and internationally. In this perspective, the ENTPE has established a new strategic project which affirms the desire to make the school a pilot and exemplary establishment on the issues of ecological and solidarity transition.

The school now trains around 700 engineering students, mostly recruited after preparatory classes for the Grandes Ecoles, also offers a range of master's degrees and specialized master's degrees and professional continuing education programs. It will open a Bachelor's course "Ecological Transition and Territories" equivalent to a Bachelor of science BSc degree in September 2023 with a first year under student status and the other two years under apprentice status with a target enrollment of 50 students per year. The School is integrated into the dynamics of the Lyon Saint-Étienne site and works closely with the 3 other public engineering schools on the site: Insa Lyon, Ecole Center de Lyon and Mines Saint-Etienne.

The ENTPE supervises 5 research laboratories, 4 of which are affiliated to the CNRS and a mixed unit from the Gustave Eiffel University. On its site, the School employs and hosts 80 researchers, 60 of whom are permanent. A hundred theses are in preparation there.

The management of training is organized within the Department of Initial Training (DFI) which relies on the skills of laboratory staff for the implementation of the training offered in the establishment.

In this context, the ENTPE is looking for a teacher-researcher, to ensure a research mission 50% of his time within the EVS laboratory and teaching (50% of his time) in the training courses offered by the school

Description of the themes of the laboratory

The EVS laboratory uses an interdisciplinary approach to analyze the dynamics of change between the environment, the city and society. The major processes to which EVS pays particular attention, and on which it has built up recognized expertise, are primarily the anthropization of environments, urbanization and urban fabric, adaptation to environmental changes, the circulation of data, human groups or materials.

EVS adopts a reflective stance on the place of science and technology in contemporary society, as well as on the exercise of scientific plurality within it, thanks to a broad disciplinary spectrum mainly covering geography, urban planning, sociology, engineering sciences or architecture.

EVS, present on several campuses in Lyon and Saint-Etienne, is structured in thematic "workshops", supported by three cross-functional platforms that help in the observation and modeling of changes. The ENTPE component, made up of nine researchers, as many doctoral students, a librarian and a manager, participates in all of its dynamics.

2-Missions

Position

The person recruited will be assigned to the EVS laboratory. His/her research activity is part of the scientific program of this unit. His/her teaching activity falls within the framework of the collective and contractualized commitment that his/her laboratory and the DFI define each year. All of his/her activity is placed under the responsibility of the director of his/her research unit at the ENTPE.

Training activity

The person recruited will be involved in all the training courses offered by the ENTPE, in particular and as a priority in the post-baccalaureate Bachelor's degree course "Ecological Transition and Territories" which is due to open in September 2023 (levels L1 to L3), but also in the initial engineering training at the ENTPE, in the Masters courses in which the establishment is involved and in the continuing education courses that it implements

The person recruited will be directly associated with the creation of the "Ecological Transition and Territories" Bachelor's degree program and will have an important educational engineering activity.

Beyond this primary mission of pedagogical engineering, the MCF will have a teaching mission which will consist of

participation in the various training courses delivered by the ENTPE, as well as the piloting and management of teaching (courses, tutorials and practical work, supervision of projects and internships) as well as the academic tutoring of students, in particular work-study students, in direct relation with the apprenticeship master in the company.

The MCF must be able to teach in English and at a distance (or in a hybrid format).

The targeted training areas are as follows

- Housing typology
- Actors in the field of housing
- Issues related to the technical aspects of housing production or rehabilitation programs in a perspective of ecological transition
- Problems related to the social aspects of housing (target public, uses)
- Contemporary issues of the scientific field related to housing
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- Issues related to the technical aspects of housing production or rehabilitation programs with a view to ecological transition
- Issues related to the social aspects of housing (target groups, uses)
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Research

The person recruited will have to carry out a research production activity in the themes of the courses on which he/she is recruited and will have to :

- Contribute to the implementation of research projects of the EVS laboratory
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- Participate in the responses to calls for projects
- Contribute to the scientific publications of the EVS laboratory, in particular by contributing to events organized or hosted by the School;
- Participate in the supervision of study engineers and trainees working on research projects.

3-Expected profile

- The candidate must hold a PhD in Sociology, geography, planning, history, anthropology or political science
- The candidate must justify his/her interest, willingness and experience in teaching and pedagogical support of students; he/she must be able to cover a wide spectrum of the above-mentioned subjects
- He/she should have a record of scientific publications in international journals as well as communications in international conferences;
- He/she should have a good knowledge of the socio-economic world and a vision of the needs for skills in the field of housing;
- He/she must be fluent in written and spoken English.

The following elements will also be appreciated by the audition committee:

- Have international experience or the ability to mobilize an international network; the practice of another foreign language (Castilian or Portuguese in particular);
- Have a research experience at the end of the thesis;
- Have a good knowledge of his/her scientific field, of the issues, actors and associated networks, both in his/her discipline and in related disciplines;
- Have a proven experience of collaborative research projects, transfer/valorisation or more broadly of partnerships;
- Demonstrate the ability to work in teams and multidisciplinary collaboration;
- Have a CNU qualification.

4-Application procedures

Interested parties are to send applications by e-mail to recrutement-enseignants-chercheurs2023@entpe.fr indicating name, surname, e-mail address and the position applied for.

In return, a message will be sent informing you of the application procedure: this procedure is dematerialized via the website <https://recrutement.entpe.fr>

Application includes a Research and Training project. To prepare their applications and define their research and training projects, and until the closing date for applications, candidates are strongly encouraged to contact the heads of the recruiting units (see contact information on job description).