

Enhancing youth potential through Civic Service: ethical reflections arising from a geo-educational project

Giuliana Rubbia (giuliana.rubbia@ingv.it)

Istituto Nazionale di Geofisica e Vulcanologia Via di Vigna Murata 605, 00143 Roma, Italy



Red Poster # 253

The National Civic Service of Italy

Different forms of Civic Service are present in Europe. In Italy, the Servizio Civile Nazionale - SCN (national civic service) started as an alternative to military service in 2001 with the law 6/2001, and since 2005 is performed upon a voluntary basis.

The Civic Service is conceived as an opportunity to volunteers (young people of both genders from 18 to 28 years old) who intend to grow in social, civic, cultural and professional dimensions while performing experiences of social solidarity, national and international cooperation, protection and preservation of national heritage (www.serviziocivile.gov.it).

Main areas of interventions include: environment, assistance, education and cultural promotion, civic protection, artistic and cultural heritage, civic service abroad.

Ethical implications emerged during an ongoing Earth Sciences education project funded by SCN and involving young volunteers at Istituto Nazionale di Geofisica e Vulcanologia (INGV), "Science and Outreach: a comprehensive approach to the divulgation of knowledge of Earth Sciences (<http://istituto.ingv.it/l-ingv/servizio-civile>)".

Ethical reflections

According to SCN's ethical charter, a challenge was to welcome a group of young people in a public research organization, and to integrate them in the limited time lapse of one year. The European Charter for Researchers came as a valuable help. Its principles specify roles, responsibilities and entitlements of researchers and employers.

Educational and outreach activities were framed in the more general principle of public engagement. Access to training and continuous development was pursued to strengthen volunteers' contributions to the project and improve their further employability. Volunteers have been:

- ✓ informed of research seminars held by INGV and other institutions;
- ✓ asked to report and present their work through presentations, posters and articles, in Italian and English, in internal seminars, conferences, and dedicated website;
- ✓ solicited to attend additional seminars beyond the initial training phase; these seminars have been specifically organized to increase volunteers' competences about complementary issues; for example, topics included open access and resources, gender issues, proposal writing;
- ✓ involved in administrative management of the project.

A specific module about Geoethics was also proposed for the initial training phase of possible future SCN projects about education and environment.

More than a nice opportunity for personal growth, the volunteering period should result in a pathway to new skills and eventually a new job, enabling young people to think and shape their present and future.

Acknowledgements Thanks are due to INGV staff managing the overall Civic Service programme. In particular, thanks are due to Giuliana D'Addezio who promoted the geo-educational project in Rome territory, Danilo Reitano, Giovanni Torre, Caterina Piccione and Daniela Versace who actively participated with various assignments. As tutor and Project's Local Operator, I am also in debt to all the Civic Service volunteers, with whom I daily measured my responsibilities and skills during one year: Donatella Abbruzzese, Gabriele Caddeo, Michael Di Stefano, Azzurra Giordani, Teresa Le Pera, Caterina Ramieri, Francesca Scipilliti, Riccardo Todaro, Eleonora Tosto, Veronica Valle.



The Author Giuliana Rubbia, physicist, is Senior Technologist at Central Administration of Istituto Nazionale di Geofisica e Vulcanologia -INGV. Since mid 90's she has been active in Information and Communication Technology in mission critical domains: biomedicine, cultural heritage, natural hazards. She served as co-responsible of INGV institutional web portal and President of INGV Committee for Equal Opportunities, Wellbeing of Workers and Non Discrimination. She participates to the Human Resources Strategy for Researchers initiative, facilitating genuine implementation of the European Charter & Code for Researchers. Her present interests include science with and for society, research support services and enhancement of human capital. She is Secretary of Italian Association of women scientists (Associazione Donne e Scienza), member of Public Communication of Science and Technology – PCST and of International Association for Promoting Geoethics -IAPG. She suggested and obtained quoting of Geoethics principles in new INGV's Code of Conduct (April 1st, 2015).