



MONTE GENZANA  
ALTO GIZIO  
Riserva Naturale Regionale



Regione  
Abruzzo



Comune di  
Pettorano sul Gizio



Legambiente

# IV Conferenza del Centro Studi per le Reti Ecologiche

## Road Ecology experiences Research, planning and design for the ecological sustainability of infrastructures



call for paper

Pettorano sul Gizio  
Castello Cantelmo  
June 17, 2017

**May 15th:** abstract submission  
**May 21st:** abstract confirmation  
**June 9th:** registration at the conference  
**July 31st:** paper submission

\* **Deadlines summary**

Supported by



The IV conference of the Study Centre for the Ecological Networks (Centro Studi per le Reti Eco-logiche) called "Road Ecology Experiences : research, planning and design for the ecological sustainability of infrastructures" will take place in Pettorano sul Gizio on June 17th and is organized by the Study Centre for the Ecological Networks of the Regional Nature Reserve Monte Genzana Alto Gizio, by the Municipality of Pettorano sul Gizio (AQ) and by Legambiente Onlus, supported by: IENE, Ministero dell'Ambiente e della Tutela del Territorio e del Mare, ISPRA, Università degli Studi dell'Aquila, Parco Nazionale d'Abruzzo, Lazio e Molise, Parco Nazionale della Majella, Parco Regionale Sirente Velino, Associazione Teriologica Italiana, Riserva Regionale Naturale Calanchi di Atri, Riserva Naturale Regionale Gole del Sagittario, Riserva Naturale Regionale Zompo lo Schioppo.

## Theme of the conference

The efficiency of an ecological network is strongly affected by the dislocation of the roads on a territory. In fact, the infrastructural road network is one of the most influencing elements in habitat fragmentation and loss. This kind of issues is the subject of the discipline called "Road Ecology"; more in general, it studies the interaction between human communication networks and biodiversity. The awareness about these topics is getting more and more widespread, so that, when it is necessary to plan a new infrastructure or to manage an existing one, these operations are supported by *Road Ecology* studies and applications.

This discipline, today still considered innovative, was born as a branch of Landscape Ecology, but it is distinctly interdisciplinary, as many different scientific profiles are involved in the analysis of the fragmentation problems caused by roads, in eco-system mitigation and reconnection works, and finally in environmental and infrastructural planning.

## Road Ecology: an innovative science

The conference wants to become a connection place where all the individuals involved in the field of technical design (engineers, architects, etc.) and in environmental sciences in general (wildlife management, agronomy, green areas design, nature and landscape preservation), as well as territory and infrastructure managers (public administrators, road management societies, etc.) can share and integrate their points of view. Therefore, the conference aims at collecting and melt the most significant Road Ecology experiences, taking into account not only the Road Ecology studies strictly meant, but also the many examples of integration and contamination of this researching field with other disciplines in wide-ranging works: town planning, environmental assessments, wildlife studies; many of them also consider, along with other issues, the interferences between road infrastructures and eco-system components.

## The conference: a connection place

*Road Ecology* is therefore an extremely pragmatic discipline, very suitable for supporting all the territory transformation processes that inevitably involve road networks (town plans, spatial plans, building projects etc.). It is also very interesting to exchange opinions about how much the ordinary territory management tools are currently affected by this kind of issues.

## Road Ecology: a pragmatic discipline

# The works presented at the conference can focus on the following topics:

1 Analysis methods

2 Mitigation measures

3 GIS techniques

4 monitoring of the influence of road networks on biodiversity [direct mortality, habitat loss, etc.]

5 Planning strategies

6 Threat analysis

7 New infrastructures design

8 Use of Road ecology indicators [VIA, VAS, VINCA etc]. in environmental planning and assessment.

## Abstract submission

The authors who want to provide an oral contribution or a poster must send an abstract in English of no more than 300 words. It must contain the title, the name of the author, the institution or the society he/she belongs to, his/her address. It must be sent by May 15th 2017 by mail to [csre@riservagenzana.it](mailto:csre@riservagenzana.it)

The abstracts will be selected by the Scientific Committee for the oral presentation. The decision will be notified by May 21th.

The paper posters can be brought the day of the conference and be written in English or in Italian.

The posters must be in colour and 70X100 format, portrait orientation. The graphic layout and the writing technique can be freely decided by the author.

The proceedings of the conference will be published as an Ebook volume by ISBN. Therefore, after the meeting, the authors will be asked to write an essay in Italian or in English for each of the contributions accepted. Other details will be provided in the future.

The contributions must be original and mustn't have been already published or presented in other conferences. In any case they will be revised and evaluated by the Scientific Committee.

By sending their contributions, the authors implicitly give the organization permission to publish them in the conference proceedings. In order to publish a text, it is necessary that at least one of the authors of that text is registered to the conference and has paid the subscription fee by June 18th 2017.

### Deadlines summary

**April 30th:** abstract submission

**May 21st:** abstract confirmation

**June 9th:** registration at the conference

**July 31st:** paper submission

## Subscription fee

### Subscription fee

**30,00 euro** (20,00 euro for A.T.It partners)

The fee includes the conference material, the paper proceedings and the lunch.

The registration can be made by filling the form on the website [csre.riservagenzana.it](http://csre.riservagenzana.it)

The subscription fee must be paid with a deposit into account number:

**IT 5470 3359 0160 0100 0001 39757** payable to Valleluna Società Cooperativa.

A copy of the payment must be sent by mail to [csre@riservagenzana.it](mailto:csre@riservagenzana.it) along with the personal details of the sender.

### ■ Comitato scientifico

**Mauro Fabrizio**

Centro Studi per le Reti Ecologiche

**Serena Ciabò**

Università degli Studi dell'Aquila

**Anna Loy**

Università degli Studi del Molise

**Marcello D'Amico**

CIBIO-InBIO (Università di Porto)  
e CEABN-InBIO (Università di Lisbona)

**Simone Ricci**

Progetto Life Strade

### ■ Comitato organizzatore

**Mauro Fabrizio, Serena Ciabò,**

**Antonio Monaco, Raissa Schiappa,**

**Alessandro Marucci, Francesco Zullo,**

**Chiara Paniccia, Mirko Di Febbraro.**

### ■ Segreteria organizzativa

**Valleluna Soc. Coop.**

**E-mail [csre@riservagenzana.it](mailto:csre@riservagenzana.it)**

**Tel. Fax. 0864 487006**

**Cel. 392.6114341**