

REPUBLIC OF TUNISIA

Ministry of Agriculture, Water
Resources and Fisheries

Ministry of Higher Education
and Scientific Research



The 19th Scientific Days of National Research Institute for Rural Engineering, Water and Forests



International Conference on Sustainable Natural Resources Management under Global Change

Hammamet, Tunisia
April 10-12th, 2019

Call for Papers (2nd Call)

Context and Objectives

The population raising and the rate of economic growth and intensification of agriculture have put critical pressure on natural systems exceeding their productive capacities. This imbalance has been further accentuated in recent decades due to the combined effects of climate change and the social and economic changes occurred in the most countries. Such changes would affect the future production capacities of these systems and threaten their ecological and economic sustainability. As in most countries, Tunisia has invested in the environment protection and the natural resources preservation. Some successes have been achieved but remain insufficient given the amplitude of the imbalance since the gap continues to widen between the rate of exploitation and the capacity of natural systems to provide the necessary services. In this context, the "sustainable management" of natural resources appears to be an eminently practical means of reconciling the objectives of economic development, social equity and environmental protection.

This conference will be an opportunity to bring to the international audience scientific contributions and to exchange experiences in this field. It will also be a venue for a cross sector exchange between scientists and policy makers on the role of research in designing policies to conserve and improve the efficiency of natural resources exploitation.

Conference topics

The topics of the conference include:

1. Ecology and management of forests eco-systems and rangelands

- ecology, genetic diversity and ecophysiology
- management, conservation of forests and rangelands
- adaptation of ecosystems to climate change
- forests protection

2. Watershed management, soils conservation and agricultural practices

- erosion modeling, risk erosion assessment
- agriculture of conservation, agricultural practices
- soil erosion mapping, dry land management
- soil conservation structures and climate change

3. Water resources management

- Hydrologic modeling
- Sustainable exploitation of groundwater resources
- Performance of irrigation systems, best practices, strategies
- integrated water resources management
- water access, energy and social equity
- use of saline water and recycled water in irrigation

4. Economics of the environment and the natural resources use

- payment of environmental services
- policies to regulate the optimal exploitation of natural resources
- socio-economic aspects of natural resources use

- agro-forestry and local economic development
- risk, vulnerabilities and resiliencies of farming systems in a context of global change (climate change, market prices fluctuation and social organization change)
- Cost of adaptation to global changes and economic viability of farms

During the third day (April, 12th), a field trip is planned to the Cap-Bon area located in the eastern coastal of Tunisia. The trip includes visits to:

- The forest park of Dar Chichou which is a famous natural reserve of fauna and flora in Tunisia. It is considered as eco-touristic site and integrated in tourism circuit organized by travel agencies.
- Water and soil conservation structures undertaken at the upstream level of Lebna watershed. A long-term Observatory of soil and water resources, in interaction with agricultural practices and land management was implemented since 2002 in this basin at

Scientists will meet public decision maker and the responsible for managing these two sites and will have the opportunity of discussing measures to protect environment and improve the efficiency use of natural resources.

The field trip also includes a visit to the beautiful archaeological site of Kerkouane: It is a piece of history preserving an entire Punic Town. The city is declared since 1980 by UNESCO as "World heritage". The planned field trip combines then knowledge and recreation, so accompanying persons are also welcome to come along for the excursion.

Important dates

October 29th, 2018: Call for papers

December 9th, 2018: Deadline for submitting extended abstracts (extended to December 24th, 2018).

January 31th, 2019: Acceptance notification

March 1st, 2019: Registration

March 15th, 2019: Conference program

Abstract guidelines

Authors are invited to submit their original work in English or in French in the form of extended abstract (min. 2 pages/max. 4 pages) which must be submitted to one of main scientific topics of the conference. Authors are invited to submit their papers in accordance with the joint template and should indicate if the contribution might be for oral presentation or poster. Extended abstracts must include sections (Short abstract, Introduction, Materials & methods, Results and discussion, Conclusion, and References). Additional sections, such as "Acknowledgements", can be made. They must be sent in Word format on each of the following e-mail:

inrgref.sd-2019@iresa.agrinet.tn ; inrgref.sd@gmail.com

Extended abstracts will be evaluated by the scientific committee. The type of accepted communication (oral presentation or Poster) will depend on the author's stated preference and the decision by the scientific committee. The acceptance of a presentation (oral or poster) and its inclusion in the final conference program becomes effective only once registration and payment are received by the presenting author (at least one registered participant per contribution).

LANGUAGES

The official languages of the Conference will be English and French.

Notification of Acceptance

Notification of acceptance or rejection will be sent to the submitting (corresponding) author by January, 31th 2019. Please note that only the corresponding author will receive mail concerning the abstract and is responsible for informing all co-authors of the status of the abstract. The registered author of each accepted paper will receive an "Oral Certificate" certifying that the paper has been accepted for publication in the conference proceedings and also for presentation as an oral communication during the conference.

Publication

All accepted papers will be published in Proceedings Book with ISBN. Authors of the best papers will be invited after the conference to submit an extended version of their papers for evaluation by editors before publication in special issues:



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**Euro-Mediterranean Journal for
ENVIRONMENTAL INTEGRATION (Springer
Publication)**
<https://link.springer.com/journal/41207>



Cahiers Agricultures
Impact Factor 2017 : 0,809
<https://www.cahiersagricultures.fr/>

Registration

The participation fees are as below:

	Tunisian participants	Foreign participants
Full rate	300 TND	200 €
Student	150 TND	100 €

The conference registration fee covers (a) access to plenary and parallel sessions, (b) conference material, (c) lunches and coffee breaks. It covers also the stay at the Hotel in a double room (shared with another participant) in full pension for three days / two nights. Supplement for a single room, in charge of the participant, is 45 TND per night (not guaranteed, depending on hotel capacity). In addition, registration fee covers the cost of field-trip to Cap-Bon area. Payment can be made via the following methods:

- By cash on-site at the conference desk (only after registration and after sending a scanned copy of the trip ticket before March 15th 2019).
- By Bank Transfer (the full amount without any deduction should be paid including the bank transfer fees).
- By Order Form / Bank Check (only for Tunisian and local participants).

The participation fees must be sent to the “Institut National des Grandes Cultures”. Payments by Bank Transfer / Order Form / Bank Check must be made to the details below stating that the transaction is for “Registration Cost at SD-INRGREF 2019”:

- Institut National des Grandes Cultures;
- Address: P.O Box 120, Boussalem 8170, Tunisia.
- Bank: **ATTIJARI BANK**
- Bank account RIB: **04 405 0624047002144 70**
- SWIFT/BIC code: **BSTUTNTT**
- **IBAN account code: TN59 04405062404700214470**
- Reason for transfer: “Registration Costs at SD-INRGREF 2019”

At least one author must be registered using the enclosed registration form by sending mail to each of the following address: inrgref.sd-2019@iresa.agrinet.tn ; inrgref.sd@gmail.com Otherwise the communication would not appear in the proceeding.

STEERING AND ORGANIZING COMMITTEE

Pr. Zouheir Nasr, President of the Conference and General Director of National Institute for Research in Rural Engineering, Water and Forests (INRGREF).

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Dr. Nabil Khelifi, Senior Editor Springer, Germany.

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PARTNERS AND SPONSORS

The conference is organized with the support of several national and international organizations. The organizers are also planning a series of “side events” and a poster session during the conference.

