



International Society for Horticultural Science
SECTION OF VEGETABLES

Working Group «Water Supply and Irrigation»

- ISHS Working Group V03 -

Dear Colleagues,

2003 is the year of the **IVth International Symposium on Irrigation of Horticultural Crops** scheduled for **September 1-5, in Davis, California**. The Scientific and Organizing Committees invite you to join and participate in this event and contribute to the scientific programme by presenting a paper or a poster. Abstracts should be submitted by 17th February 2003. See details below, page 3.

In my last newsletter, I informed you that I will put an end to my charge of chairing the Working Group in September 2003. I had also called for candidates to find a successor to insure the Chairmanship in the future. I have received one response, from Dr. Adriano BATTILANI. You will find his *curriculum vitae* on page 2, in order you can know him better. I think this is a candidature of very great interest.

The best time and best place to transfer the chairmanship would be the 4th Symposium in Davis, in September. During the Business Meeting of the Working Group all the present ISHS members, members of the Working Group, would be entitled to stand and to vote for the new Chairperson.

Together with this Newsletter number 6, you will find herewith a recently updated version of the Directory of Members of the Working Group. Please, inform me of any modification in your details.

All my best wishes and best regards,

Yvon Dumas

Avignon, 20 January 2003

Curriculum Vitae

From Dr. Adriano BATTILANI

Candidate to the Chairmanship of the WG “Water Supply and Irrigation”

Adriano BATTILANI
Born in Bologna, Nov. 11 1959
Nationality Italian

A. Battilani is an agronomist with more than 20 years of experience in research about irrigation and fertigation techniques.

His present position is Senior Researcher-Team Leader by Cons. Bon. Canale Emiliano Romagnolo (C.E.R.), (Land Water Requirement Consortium charged of the experimentation on the agricultural water management by the government of the Emilia Romagna Region (Northern Italy)).

He carries out research about fertigation and the development/validation of Decisional Support System (DSS) and models. He studies also subjects concerning crop water requirements, the interaction between irrigation and products quality, the growth of the root systems and the circulation and accumulation of fertilisers, plant protection additives and herbicides in soil and water. He was the Scientific responsible of the fertigation rules for the UE reg.2078 application in Emilia-Romagna. He was the author of the BMP Irrigation Rules for the Integrated Crop management in Emilia Romagna (Regional law 28/92) then adopted by other Italian regions. He was in charge of the tasks “Crop Water Stress index” and “Shallow Water Table contribution to the water balance” during the EU “CAMAR-CT91-0305” project. He was in charge of the “irrigation” and “water stress indicators” sub-projects during the EU "QUALITOM- CT96-1507" project. He was Chairman at the "6th Symp. ISHS on processing tomato - (Irrigation, Fertigation, Water quality and crop responses)". He was a member of the Scientific Committee at the 7th Symp. ISHS on processing tomato. He was chairman at the “ IIIrd Symp. ISHS on Irrigation of Horticultural Crops – (Water quality for irrigation)” and member of the referee panel. He was the convenor of the National symposium “Water and nutrient management for the grapevine”. He was Invited Speaker in the session "Sustainable Irrigation and Nutritional Crop Management Techniques" at the 8th International Symposium ISHS on processing tomato and member of the Referee Panel. He is a member of the Scientific Committee at the IVth Symp. ISHS on Irrigation of Horticultural Crops. He is in charge of the Work Package "Fertigation" in the frame of the EU " Improved organic fertiliser management for high nitrogen and water use efficiency and reduced pollution in crop systems - FertOrganIC" project. He is the scientific responsible of many projects financed by the Emilia Romagna Region (L28/98), and by other Italian Regional Government. He is involved in the pre-normative studies focused to determine the minimal Treated Waste Water Quality characteristics for their reuse in agriculture and in the urban landscapes (Emilia Romagna Regional Government law and its integration into the Italian Government laws) and in the studies concerning the Water Quality for Irrigation and their rational use. He is author of 115 publications that have been presented at national and international conventions or published in the major magazines of agricultural interest.

Coming Events

2003

IVth ISHS Symposium on Irrigation of Horticultural Crops

The 4th International Symposium on Irrigation of Horticultural Crops is scheduled for
September 1-5, 2003

at the University of California, Davis, U.S.A, under the responsibility of **Dr. Richard L. Snyder**,
Biometeorologist, University of California, Department of Land, Air and Water Resources, 125
Hoagland Hall Davis, CA 95616-8627.

Please, visit the WEB page :

<http://www.cevs.ucdavis.edu/Cofred/Public/Aca/ConfHome.cfm?confid=138>

for details on the Symposium, local housing, instructions on how to submit abstracts, and on-line reservation. Be sure to bookmark the page for any information updates.

DEADLINE CHANGE :

The deadline for preliminary abstracts was moved from December 31, 2002 to February 17, 2003.

The abstracts should be sent to Tania Heta <taheta@ucdavis.edu>.

Note that extended manuscripts will be reviewed by two peers and will be published in Acta Horticulturae. Instructions for the manuscripts are also given on the Symposium web page.

The Symposium will deal with aspects related to the irrigation of fruit and nut trees, grapevines, vegetable and ornamental crops, with special emphasis on the following topics :

- * Crop water requirements - measurements, modelling, soil-plant-atmosphere processes, and scaling transpiration
- * Plant water relationships - ecophysiological interactions
- * Irrigation scheduling - scaling effects, applicability of methods
- * Water quality - environmental impact of irrigation on water quality and vice versa.
- * Economics of irrigation - water transfers, economic optimisation

The scientific program will be presented by keynote speakers, submitted papers and posters. The working language will be English.

The current list of keynote speakers, affiliations, and presentation titles are as follows:

Ramon Aragues Lafarga

Agronomic Research Service of the Aragon government, Zaragoza, Spain

Title: "Field response of crops to salinity"

Michele Bernardi

Agrometeorologist, Environment and Natural Resources Service (SDRN)

Food and Agriculture Organization of the United Nations (FAO), Rome, Italy

Title: "FAO activities to develop agro-climatic datasets and tools for the needs of irrigation management"

Richard Howitt

Department of Agricultural and Resource Economics, University of California, Davis

Title: "Economics of Water in Agriculture"

Kyaw Tha Paw U

Department of Land, Air and Water Resources, University of California, Davis

Title: "Evapotranspiration Measuring and Modeling"

Melvin T. Tyree

USDA Forest Service, Aiken Forestry Sciences Lab, Burlington, Vermont

Title: "Drought Resistance: A concept without a measure! Where do we go from here to understand drought performance of ecosystems to crops?"

Additional keynote speakers may be invited depending on the attendance to the Symposium.

The Organizers hope to see you at the Symposium in September 2003.

2004

IXth ISHS Symposium on Processing Tomatoes

The 9th ISHS Symposium on Processing Tomatoes will be held in November 2004 in Melbourne (Australia).

Themes are likely to be at least the following ones :

- Plant improvement
- Crop management - irrigation and nutrition
- Crop management - pest and disease control
- Crop management - the farming system (including soil management, environment and sustainability)
- Fruit quality for processing and human health
- Possibly : Achieving change in farming practice (extension methodology)

The topic "**irrigation and nutrition**" will be particularly relevant given Australian drought conditions.

The practical application of research would be highlighted through the program. An interactive workshop could be run on the themes from the technical program, in which session chairs would summarise the outcomes of their sessions and contributors (speakers and poster presenters) would be available to respond to growers questions in a forum situation.

News from ISHS

The list of the 94 ISHS Working Groups is available from ISHS website :

<http://www.ishs.org>

ISHS members can use the Online Membership Services to manage/update their ISHS membership profile, including change of address, Section/Commission membership, Working Group membership, online membership renewal,

The address of the Acta Horticulturae online website is :

<http://www.actahort.org>

This site allows you to browse the entire Acta Horticulturae collection online, read all of the more than 28,000 abstracts and download any full text article of your choice. ISHS annual Individual Membership includes credits to download 10 full text Acta Horticulturae articles. Non-members can purchase credits to download full text articles online.

The ISHS magazine Chronica Horticulturae is mailed 4 times a year to ISHS members.

Please, feel free to contact ISHS if you need more details :

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