



The CCB-bulletin, no 7, 25 July 2003  
<http://www.wageningen-ur.nl/ccb/>

## **In this Bulletin:**

### **UPCOMING EVENTS**

1. Advanced course on Vulnerability to global environmental change (Laxenburg, May 2004)
2. Venice Summer Schools 2003: IWRM in Water Scarcity Conditions (Italy, 08-13 september 2003)
3. International conference: Water for global cooling, 12-24 August 2003, Slovakia
4. Conference Efficient Use of Biomass for GHG Mitigation (Sweden September 30 - October 1, 2003)
5. Biogeochemistry, Paleoceanography, and Paleoclimate (5-30 January 2004; UDEC)
6. Voorlichtingsbijeenkomst LIFE-Milieu (Jacobi-Theater Utrecht, 3 september 2003)
7. Hogeschool IJsseland/Echte Welvaart: Ontmoet de Burger (september 2003)

### **VACANCIES**

8. EMS-IDRC Grants for multi-stakeholder partnership mechanisms in water management
9. Vacancy: THE MACAULAY INSTITUTE DEPUTY DIRECTOR OF RESEARCH (Ref MA20/03)
10. Vacancy: THE MACAULAY INSTITUTE SCIENCE LEADER Ecology of Grazed Ecosystems (Ref MA21/03)

### **NEWS ITEMS**

11. Newsletter Global Network on Energy for Sustainable Development (GNESD)
12. Unique Climate Research in the Mediterranean with super computer (KNMI, RIVM and IMAU)
13. MEDWETCOAST/TAIB training for monitoring Biodiversity and environmental change 2003

## 1. Advanced course START and IIASA on Vulnerability to global environmental change

More info: [www.start.org](http://www.start.org) (see under "Whats new")

Date: 3-21 May 2004 (IIASA, Laxenburg, Austria)

Application Deadline: 15 October 2003

START, in partnership with the International Institute for Applied Systems Analysis (IIASA), and with the financial support of the David and Lucille Packard Foundation, invites applications for Institute Fellows to participate in an Advanced Institute on Vulnerability to Global Environmental Change. The Advanced Institute is to have three components: a three-week long Seminar to be held 3-21 May 2004 at IIASA in Laxenburg, Austria; one-year research grants for successful Institute Fellows; and a culminating workshop that will follow completion of the research.

The Advanced Institute is open to young scientists and professionals, 40 years of age or younger, from developing countries. Subject to available funding, exceptional applicants from developed countries will be considered. The Advanced Institute will be multi-disciplinary and applicants with backgrounds in social science, natural science, engineering, management and public policy are welcome. Applicants must at a minimum have a masters degree or equivalent experience and it is expected that most successful applicants will have completed a PhD degree or be enrolled in a PhD program.

Further details can be found in the attached Announcement and Application form. These documents (in PDF and Word) can also be found on the START website ([www.start.org](http://www.start.org)) under "What's New."

Questions can be directed to Ms. Sara Beresford at <mailto:Msberesford@agu.org>. Application materials should be sent to <mailto:start-apps@agu.org>.

## 2. Venice Summer Schools 2003: IWRM in Water Scarcity Conditions (Italy, 08-13 september 2003)

More info: <http://helios.unive.it/~ideas/summer/waterhome.htm>

**\*\*\* limited places are still available \*\*\***

*Venice International University, San Servolo, Italy*

The Venice Summer Schools 2003, organised by the University of Venice, provide advanced training for postgraduate students and professionals from all over the world in various specific topics related to sustainable development.

This School is proposed within the framework of the International Year of Freshwater 2003, with the aim of presenting interdisciplinary approaches developed worldwide to address water scarcity issues and provide a guide towards sound management practices. An asset of this international module is the opportunity to create useful contacts and networks for researchers and practitioners, particularly in the Mediterranean areas. Theoretical lectures will be followed by presentation of methods and tools that have been elaborated by specific international programmes. The complexity of the issue requires an interdisciplinary approach, to respond to the following research goals: assessment of water availability, distributive efficiency and equity of access, savings in consuming patterns, monitoring and conservation of water quality, comprehension of local and global circumstances and socio-economic variables to be included in decision making processes. The school is organised through a series of lectures held by faculty of international relevance, originating from institutions of prominent excellence in the field of water issues, development studies, and environment sciences. The international attention given nowadays to the problem is shown by the support given by the international

institutions, such as the European Union, the United Nations and the World Bank. Representatives from these institutions or from their programmes will introduce the state of the art of application of international policies and funding mechanisms. The official language of the School is **English**.

For further general information and possible accommodation options please contact the Summer School Secretariat.

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### 3. International conference: Water for global cooling, 12-24 August 2003, Slovakia

More information: [WWW.PEOPLEANDWATER.SK](http://WWW.PEOPLEANDWATER.SK)

Registration:

by fax: ++421-55-6428 184,

e-mail: [zuzka@ludiaavoda.sk](mailto:zuzka@ludiaavoda.sk)

or by mail: Ludia a voda, Pražská 4, 040 11 Košice, Slovakia

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Serious problems with floods, natural disasters, extreme weather changes in the Central Europe and other parts of the world urge us to look for answers to what extent we as citizens contribute to these changes. We want to search for answers to serious questions such as the state of water in natural ecosystems in river basins, more frequent incidence of extreme temperatures, rainfalls and flood levels together with all partners that care for related problems. We invite all good willed people that are not indifferent when it comes to the risky tendency that endangers the socio-economic environment of communities in river basins. The venue is historical town of Levoca. Slovakia. We invite you to be actively involved in the international dialogue on the citizens help to mitigate the risks of natural disasters, floods and climate changes through the water restoration in river basin ecosystems.

Let's seek the solutions together till there is some time left.

Key themes for panel discussions at the conference:

- The impact of drying of river basins on changes in rainfalls distribution (dry and rainy periods)
- The impact of drying of river basins on changes in flood risk (droughts and floods)
- The impact of drying of river basins on climate changes
- The state of legislation and the river basins drainage
- The river basin management and the river basins drainage
- Management from flood catastrophes

#### 4. Conference Efficient Use of Biomass for GHG Mitigation (Sweden September 30 - October 1, 2003)

More info: <http://www.joanneum.ac.at/iea-bioenergy-task38/workshops/announcement.pdf>

##### *Background*

IEA Bioenergy is an international, collaborative research programme on bioenergy aiming at improved international cooperation and information exchange ([www.ieabioenergy.com](http://www.ieabioenergy.com)). The primary goal of IEA Bioenergy Task 38 ("Greenhouse Gas Balances of Biomass and Bioenergy Systems") is to investigate all processes involved in the use of bioenergy and carbon sequestration systems, with the aim of assessing overall greenhouse gas balances and supporting decision makers in selection of mitigation strategies. Participating countries are Australia, Austria, Canada, Croatia, Denmark, Finland, Ireland, New Zealand, Norway, Sweden, The Netherlands, United Kingdom, and the USA. The conference is part of a series of workshops and conferences within Task 38, taking place on a regular basis. For more detailed information on the Task, its output, and on previous events see [www.joanneum.at/iea-bioenergy-task38](http://www.joanneum.at/iea-bioenergy-task38).

##### *Scope and objectives of the conference*

The conference on 30 September focuses on the efficient use of biomass for energy, including the efficient use of land resources, to reduce emissions. The objective of this conference is to provide a forum for · discussing methodological issues; · informing on policy frameworks and · presenting new technologies and systems. On 1st October (morning) a study tour will take participants to a new, large-sized biomass combined heat and power plant (fuel logistics included) in Östersund.

For any inquiries:

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#### 5. Biogeochemistry, Paleoceanography, and Paleoclimate (5-30 January 2004; UDEC)

More info: <http://www.udec.cl/udecwho>

The Austral Summer Institute (ASI) is pleased to announce its fourth event, Topics in Biogeochemistry, Paleoceanography, and Paleoclimate, to be held at the Marine Biology Station of the Oceanography Department, Universidad de Concepción, in Dichato. ASI-4 is developed as part of the UDEC-WHOI-FA cooperative project, and aims to reinforce advanced formation and research in various oceanographic disciplines in the Southeast Pacific. Graduate and advanced undergraduate students in the areas of Marine Sciences, Geology and Chemistry are invited to apply, as are academics, post-doctorates, and professionals interested in the areas of Biogeochemistry, Paleoceanography, and Paleoclimate.

##### **Applications must include:**

- 1) a completed copy of the application form
- 2) a current copy of the applicant's Curriculum Vitae
- 3) a brief letter of intent indicating the scientific interests of the applicant and how s/he hopes to benefit from participating in ASI-4.

The application must be sent in English by e-mail, fax, or air mail. Any applications sent by air mail should be postmarked no later than **20 August 2003**.

Thanks to resources supplied by Fundación Andes within the framework of the Cooperative Program, and the sponsorship of FONDAP COPAS CENTER and POGO, room, board, and transportation costs of selected participants are completely covered by ASI-

4. The selection of applicants is highly competitive, and special attention is paid to the applicant's potential as a future scientist and in his/her academic achievements to date.

For additional information, forms, and applications, please contact:

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Departamento de Oceanografía Cabina 5  
Universidad de Concepción  
Casilla 160-C, Concepción, Chile  
E-mail: [asi@udec.cl](mailto:asi@udec.cl)  
Tel.: (56) (41) 20 3712  
Fax: (56) (41) 20 4520  
<http://www.udec.cl/udecwhoj>

## 6. Voorlichtingsbijeenkomst LIFE-Milieu (Jacobi-Theater Utrecht, 3 september 2003)

Meer info: Nederlandse LIFE-site: <http://www.life.novem.nl>

Europese LIFE-site: <http://europa.eu.int/comm/environment/life/home.htm>

LIFE is het Europese financiële instrument voor het milieu. Dit programma ondersteunt innovatieve demonstratieprojecten op het gebied van:

- Integratie van milieuaspecten in stedelijke planning, ruimtelijke ordening en kustbeheer,
- Waterbeheer en -kwaliteit,
- Duurzame industriële activiteiten (schone technologie, preventie),
- Recycling,
- Ecodesign en groene producten.

Op woensdag 3 september 2003 organiseert EG-Liaison in samenwerking met het Ministerie van VROM en Novem een voorlichtingsbijeenkomst over dit programma. Hierbij nodigen wij u hiervoor uit.

Het voorlopige programma voor deze bijeenkomst:

09.00 - 09.30 Inschrijving en koffie  
09.30 - 09.50 Inleiding en achtergrond LIFE (VROM)  
09.50 - 10.10 Thema's en contouren van een LIFE-project (LIFE-team)  
10.10 - 10.30 Het LIFE-selectieproces dhr. (Novem)  
10.30 - 10.50 Koffiepauze  
10.50 - 11.20 Praktijkvoorbeeld: Bavaria  
11.20 - 11.40 Voorbereiden van een voorstel (Senter/EG-Liaison )  
11.40 - 12.00 Vragen en afsluiting  
12.00 Lunch

De kosten van de bijeenkomst bedragen EUR 25. U kunt zich opgeven door middel van bijgevoegd aanmeldingsformulier of via de website van EG-Liaison [www.egl.nl](http://www.egl.nl) (klik op Agenda).

## 7. Masterclass voor beleidmedewerkers: Ontmoet de Burger (september 2003 Echte Welvaart/Hogeschool IJselland)

More info: [www.ontmoetdebürger.nl](http://www.ontmoetdebürger.nl)

In september start Echte Welvaart de Masterclass 'Ontmoet de Burger' waarin het draait om de vraag: hoe betreft u meningen van burgers bij uw werk, uw beleid en uw visieontwikkeling? De Masterclass is praktisch en theoretisch, concreet en abstract, persoonlijk en strategisch van aard. Wat doe je met 'signalen van de straat'? Is dat lastig of storend of oneindig, verfrissend, inspirerend en noodzakelijk?

De Masterclass is bedoeld voor beleidsmedewerkers van overheden en non-profitorganisaties die hun persoonlijke ervaringen willen uitwisselen en de opgedane kennis willen gaan gebruiken in hun werk. De werkwijzen zijn verrassend en vernieuwend, life en virtueel. We organiseren de Masterclass samen met One World, Saxion Hogeschool IJselland en XPIN en dit wordt mogelijk gemaakt door het Stimuleringsprogramma 'Burger en Milieubeleid' van het ministerie van VROM. Wilt u iemand attenderen op deze Masterclass, stuur dan een verrassende E-card! Via [www.ontmoetdebürger.nl/go.html](http://www.ontmoetdebürger.nl/go.html).

## 8. EMS-IDRC Grants for multi-stakeholder partnership mechanisms in water management

More information: [www.ems-sema.org/convoca2003/](http://www.ems-sema.org/convoca2003/)

The EMS-IDRC announces the launching of the 2003 Call for Proposals within its Competitive Small Research Grants Programme. The objective of this call is to support research projects geared to the study of multi-stakeholder partnership mechanisms in sustainable water management in cities of Latin America and the Caribbean. We promote the submission of research projects aimed at the implementation of innovative initiatives both in the technological and social fields applied to sustainable water management in urban contexts.

The call is open to Municipalities in Latin America and the Caribbean that are interested in research on innovative mechanisms for sustainable water management. To conduct such research municipalities must associate with a research centre or higher education institution and they could also do the same with other institutions of the civil society and the local entrepreneurial sector.

**Deadline for submissions:** 22 September 2003, 17:00 hs Montevideo, Uruguay.

## 9. Vacancy: THE MACAULAY INSTITUTE DEPUTY DIRECTOR OF RESEARCH (Ref MA20/03)

### ***About the institute:***

The Macaulay Land Use Research Institute (MLURI) has a growing international reputation for the high quality of its multidisciplinary research and is undertaking an increasing amount of research with an international focus. The report of the 5-yearly assessment of the Institute's research which was recently concluded, commented that: 'the MLURI undertakes an integrated programme of research that addresses highly relevant issues and .... With its emphasis on interdisciplinary research applied to rural land use and management the institute makes a distinctive contribution to the science base not found elsewhere in the UK.' One of the key challenges for the Institute, is to continue to improve both the excellence and the relevance of its research.

The primary role of this post will be to take lead responsibility for continuing to improve the

excellence of the Institute's research, while the Chief Executive and Director of Research has overall responsibility for the Institute's research strategy and takes lead responsibility for ensuring its relevance. The senior management structure is illustrated below.

The overall research programme is organized as 5 Science Areas. Research conducted in the 'Soil, Plant, Microbial Interactions (SPMI)', 'Ecology of Grazed Ecosystems(EGE)' and 'Socio-economics (SERP)' Science Areas is primarily strategic in nature, while research in the 'Livestock Management' and 'Catchment Management' Science Areas includes a mix of strategic and applied research, focused on research which integrates science to provide a basis for the development and implementation of policies relevant to land and water management.

### ***Job description***

The Deputy Director of Research is expected to have an international reputation in a field of relevance to the SPMI or EGE Science Areas and will be expected to work with the Science Leaders of these 2 Science Areas in particular (further details of job description for the EGE Science Leader post attached), to identify opportunities for innovative research at the interface between the disciplines.

He/she would be expected to deputise for the Director of Research across the Institute's research programme as required, but to take the lead in representing the Institute in the more strategic environmental and ecological science fora, e.g. at scientific conferences and in discussions with university departments and leading research institutes. The post also carries responsibility for overseeing the progress of the Institute's cadre of 50 PhD students, for co-ordinating the scientific promotion process and for developing strategies for winning external research income

The post-holder would be encouraged to lead a personal research group, with both grant-in-aid funds and external income, ideally of relevance to biodiversity, as the Institute's skill base provides an opportunity to integrate scientific knowledge in a way which could contribute to the development and implementation of policies to manage biodiversity in the hills and uplands.

The 5 Science Leaders, together with the 3 Science Group Managers, the Director of Research and the Deputy Director of Research meet on a monthly basis to develop and implement the Science Strategy. The Deputy Director of Research would be expected to chair these meetings in the absence of the Director and also to attend meetings of the Board of Governors and its Science Strategy Advisory Committee.

### ***PERSON SPECIFICATION***

The successful applicant will have an international reputation in ecology, soil or plant science and a track record as an inspirational science leader. The panel will be looking for evidence of a strong commitment to inter-disciplinarity and a vision of how excellence can be achieved at the interface between disciplines.

First and post-graduate degrees in relevant subjects and a strong track record in publications and grant-winning are essential.

For informal discussion of the post please contact Professor Maggie Gill at [m.gill@macaulay.ac.uk](mailto:m.gill@macaulay.ac.uk), or Professor Michael Hornung on 07929 339119 who is helping with recruitment to this post.

## 10. Vacancy: SCIENCE LEADER Ecology of Grazed Ecosystems (Ref MA21/03)

The main role of this post is to lead a research team in the Ecology of Grazed Ecosystems Science Area, subsequent to the departure of Professor Iain Gordon. There are 5 Science Areas within the Institute and the Science Leaders report directly to the Chief Executive and Director of Research (Professor Maggie Gill) who has overall responsibility for the Institute's research programme, particularly in terms of its relevance to end-users (see below). The Deputy Director of Research (being advertised simultaneously) will work with the Science Leaders to develop publication strategies to increase the overall excellence of the institute's research.

### *Science Leaders are expected to:*

- Lead the development of new proposals for grant-in-aid research within their Science Area;
- Participate in the Institute's Science Strategy Group to ensure that the overall research programme of the institute is of international quality;
- Ensure that both the quality and volume of scientific outputs (refereed papers and conference proceedings) from their Science Area meet the targets set;
- Increase the external funding within the scope of their Science Area.

The main objective of the Ecology of Grazed Ecosystems Science Area is to understand the mechanisms and processes which underlie the distribution and movement of domestic and wild herbivores in natural and semi-natural ecosystems and to predict the dynamics of plant species and vegetation composition in grazed systems as a result of changes in management, environment and the climate. The programme encompasses strategic research aimed at cross-cutting issues in ecology and has evolved as a result of identifying scientific opportunities arising from our research, the research of other parts of the Institute and by collaboration with other institutions. The research builds upon the strength and depth of ecological research within the Institute to provide a unique interdisciplinary research perspective on the dynamics of grazed ecosystems (further details can be found on the web site - [www.macaulay.ac.uk](http://www.macaulay.ac.uk)).

### PERSON SPECIFICATION

The successful applicant will have an international reputation in ecology and evidence of a strong commitment to inter-disciplinarity. First and post-graduate degrees in relevant subjects and a strong track record in publications and grant-winning are essential. Evidence of leadership ability will be expected, together with a willingness to operate as a team player at the level of the Institute as a whole.

Completed application forms must be returned to Personnel at the Institute by 8 August 2003. For informal discussion of the post please contact Professor Maggie Gill at [m.gill@macaulay.ac.uk](mailto:m.gill@macaulay.ac.uk), or Professor Michael Hornung on 07929 339119 who is helping with recruitment to this post.

## 11. Newsletter Global Network on Energy for Sustainable Development (GNESD)

Please find at <http://www.gnesd.org> the premiere issue of the newsletter from the Global Network on Energy for Sustainable Development (GNESD). In this issue of "GNESD News" you can read about how the Network is sharing knowledge on energy policies in third-world countries with the aim of increasing the poor's access to modern energy services. Thereby creating a platform for improved living conditions and sustainable development. The Global Network on Energy for Sustainable Development is a UNEP facilitated knowledge exchange network currently consisting of eight internationally renowned centres of excellence within energy and environment. The Network, which works within the area of energy, policy studies and sustainable development, was launched at the 2002 World Summit on Sustainable Development.

We hope you find the GNESD network interesting



Yours sincerely,

Per Kolbeck  
Secretariat  
Global Network on Energy for Sustainable Development  
RISØ National Laboratory  
Email: per.kolbeck@risoe.dk

## 12. Unique Climate Research in the Mediterranean with super computer (KNMI, RIVM and IMAU)

Source: Milieuactueel, 15 juli 2003, [www.milieuactueel.nl](http://www.milieuactueel.nl)

English info: [Website Dutch Challenge Project](#)

Het zuiden van Europa zucht al weken onder extreme hitte. Na de recordwarme juni zijn ook de afgelopen dagen in Frankrijk weer temperaturen gemeten van bijna 40 graden. Is dat een toevallige gril van de natuur of een teken van het veranderend klimaat? Hoe groot is de kans op extreme warmte? Hoe verandert die kans als het klimaat verder opwarmt?

Het Centrum voor Klimaatonderzoek (CKO) is deze zomer een onderzoek gestart om daar meer zicht op te krijgen. Daarvoor wordt gebruik gemaakt van de TERAS, de supercomputer van rekencentrum SARA in Amsterdam. De TERAS is met zijn 1024 processoren een van de grootste computers in Europa. Gedurende de zomermaanden wordt een zestigtal simulaties gemaakt van het klimaat over het tijdvak 1940-2080. Voor dit enorme project met als titel "Simulatie van extreme weersomstandigheden: nu en in de toekomst" wordt gebruik gemaakt van een geavanceerd klimaatmodel uit de Verenigde Staten.

Het project is uniek in de wereld: niet eerder is zo'n groot aantal realisaties van het klimaat berekend om uitspraken te kunnen doen over zeldzame, extreme gebeurtenissen en veranderingen in een warmer klimaat in de nabije toekomst. De voortgang van de berekeningen van temperatuur, neerslag en wind kan iedereen deze zomer live op het internet volgen op de site van het Dutch Challenge Project. Hier is ook achtergrondinformatie te vinden over het project, bijvoorbeeld hoe deze simulaties inzicht verschaffen in extremen.

De berekeningen en het gebruik van de enorme opslagcapaciteit van gegevens zijn mogelijk gemaakt door de Stichting Nationale Supercomputer Faciliteiten (NCF), een onderdeel van de Nederlandse Organisatie voor Wetenschappelijk Onderzoek (NWO). Het NCF heeft het project gehonoreerd als een "Dutch Computing Challenge Project". Dat biedt de mogelijkheid voor grootschalig rekenwerk, waarvoor een deel van de capaciteit van de TERAS is gereserveerd.

Het CKO is een samenwerkingsverband tussen het KNMI, RIVM en het Instituut voor Marien en Atmosferisch onderzoek Utrecht (IMAU), een onderzoeksinstituut van de Universiteit Utrecht. In het CKO worden fundamenteel klimaatonderzoek (IMAU), strategisch klimaatonderzoek (KNMI) en beleidsgericht klimaatonderzoek (RIVM) gebundeld.

### 13. MEDWETCOAST/TAIB training for monitoring Biodiversity and environmental change 2003

More info: <http://www.fsd.nl/TAIB/mainalbu.html>

The second field training course for MedWetCoast wetland managers was held at the Albufera Natural Park from 13th to 27th April 2003, hosted by the Balearic Government's Conselleria de Medi Ambient (Environment Ministry) and led by the Albufera International Biodiversity Group (TAIB). Participants from Lebanon, Egypt and Israel registered but, sadly, international events eventually reduced that number of participants.

The course was designed to be largely field based, participants learning through active involvement in management and monitoring activities and working alongside an international team of scientists and specialists in environmental management. This allowed an enormous amount of ground to be covered in just two weeks. The participants were introduced to methodologies for addressing issues such as local and global impacts on the environment, monitoring techniques designed to advise and guide management, and simple biodiversity studies designed to improve understanding of how the local ecosystem functions. In addition, time was allocated to preparation of protocols and field data sheets for the collection of data; demonstrating how to establish and maintain good records through a database model; requirements and techniques for the establishment of reference material for plants and animals; and the opportunity to interact with Park staff on issues such as management, interpretation for tourists, participation events for local communities and the Park's very important environmental education programme. In response to feedback from the first course, held in October 2002, we introduced a statistics course linked to the field activities. It was designed to be user-friendly and, drawing from data collected during the course, showed how statistical tools can be used effectively and simply to enhance understanding of results and their application to practical management.

#### **Colofon:**

The CCB-Bulletin is a news bulletin for researchers in the field of global environmental change from Wageningen University and Research Centre, as well as for people who are interested. The bulletin is provided by the Climate Change and Biosphere Research Centre (CCB - Wageningen UR). This bulletin board is intended for information exchange, like announcements of workshops, conferences, job opportunities and education courses in relation to global change research. It will be sent to you every 3 weeks, in case of vacancies we may use it ad-hoc.

**Would you like to add a news item or a changes in E-MAILADRES or you want to be removed from this newsbulletin ?**

Please, contact us by e-mail: Jeroen Veraart: [jeroen.veraart@wur.nl](mailto:jeroen.veraart@wur.nl)

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