



IUAPPA Newsletter

February 2002

Dutch Foreign Minister Receives IUAPPA's Highest Award

At its meeting in Seoul, the Awards Committee of the Union decided that the 2001 Barthel Award should be made to Jan Pronk, Minister for Housing, Environment and Spatial Development of The Netherlands. The award was presented to him by the Director General, deputising for the President, on 23 January at a special ceremony of an international conference in Maastricht on non-CO₂ Greenhouse Gases sponsored by IUAPPA's European members.

The Awards Committee made the award to Mr. Pronk to mark his outstanding contribution to climate change negotiations. Since August, the suitability of Mr. Pronk for the award has been further enhanced by his

appointment by the UN Secretary General as Special Ambassador to the Johannesburg World Environment Summit.

Thanking Mr. Pronk for his work, the Director General said that it was particularly appropriate that the award should go to the Dutch Environment Minister in view of the exceptional contribution The Netherlands makes to international environmental policy. He said that the International Board looked forward to welcoming him to a future World Congress/International Board Meeting.

After expressing his pleasure at the award, Mr. Pronk delivered a wide-ranging and thoughtful speech. He focused first on the links between environment and development,

which is a particular personal interest for him. He then discussed the Kyoto targets and the framework now emerging for delivering them. On climate change the Minister's comments were mainly positive and optimistic. While acknowledging the difficulties created by the withdrawal of American support, he was optimistic that, with a broadly agreed framework now in place, the decisive steps had been taken to allow the problems to be tackled effectively, in spite of the very great challenges which remained.



IUAPPA Director General Richard Mills presents Jan Pronk with the Barthel Award

Dates for Your Diary

Sao Paulo, Brazil, 22-25 October 2002: Building a Sustainable World – IUAPPA Global Conference

Capri, Italy, 6-8 June 2002: Energy & the Environment – Conference sponsored by IUAPPA

Dubrovnik, Croatia, 6-10 October 2003: Regional Conference

Jerusalem, Israel, 24-29 October 2004: World Clean Air Congress

New IUAPPA Leadership Team in Place

Following elections and appointments at the Seoul Congress, the new leadership team for IUAPPA for the next three years is now in place.

It includes, in addition to President Menachem Luria and Immediate Past President Dr. Won-Hoon Park, Dr. Randolpho Lobato (Brazil) and Len Ferrari (Australia) as Vice-Presidents, together with Dr. Joop van Ham from The Netherlands as Honorary Treasurer. The appointments ensure that IUAPPA has leadership which is not only widely experienced but also representative of all areas of the world.

CONTENTS

- From the President
- Preparations for Jerusalem Congress
- IUAPPA's transboundary programme
- Forthcoming IUAPPA meetings
- EFCA sets new course

From the President

Following the success of the Seoul World Congress last August, IUAPPA enters 2002 in a strong position to develop its work more effectively. The presence in Seoul of the UNEP Executive Director and of the most distinguished Nobel Laureates in our field testifies to the importance of the occasion and to the significant role that IUAPPA can play. We are enormously indebted to our Korean colleagues for the great contribution they have made to developing the work of IUAPPA. I have no doubt that all of us will recall the 2001 Congress with great pleasure and gratitude.

We have now defined our policy priorities for the coming years:

- the challenge of understanding and tackling more effectively long-range and transboundary air pollution in its various forms;



Menachem Luria, President IUAPPA]

- climate change;
- the diverse and inter-connected environmental problems of mega-cities, which have preoccupied us so fully in our recent meetings in Seoul, Lima, Durban and Istanbul.

While these are priority issues for us, we must continue to see them as part of the wider agenda of sustainable development, particularly in a year marked by the 'Rio + 10' Conference in Johannesburg to which the Union will actively contribute. It is appropriate that our conference this year should be in Brazil and should have sustainability as its theme.

As reports in this Newsletter indicate, our own programme for the next three years is well established. This year we have major conferences in Brazil and in Italy, and in the following year the Regional Conference in Croatia. These meetings are all very important in their own right, but they are also important stepping-stones towards the next Congress in Jerusalem in 2004, when we shall build upon and enhance the important contribution our colleagues in Korea have made to the Union and to its work over the last three years.

In many ways 2001 has been a bad year for international peace and co-operation. Despite continuing progress at scientific level, progress in developing institutions at global level to tackle environmental problems has continued to be slow. The events of recent months make IUAPPA's work even more important.

Preparations for Jerusalem Congress

Preparations for the Jerusalem Congress are now well underway. Following the final decision on the date – 24 to 29 October 2004 – and the selection of the Congress venue, the International Advisory Committee has now been appointed. This is expected to meet in the course of the first half of this year.

An important feature of the Congress will be the involvement of a wide range of specialist research networks and groups. The aim is to make the Congress more representative of the overall scope and diversity of current scientific and policy development, and to strengthen the specialist parallel sessions by building them around existing work programmes.

A key role in local organisation in Jerusalem will be taken by Professor Yaacov Mammane of the Israel Institute of Technology. On the proposal of the Director General, the next meeting of the International Board will be invited to appoint him an Executive Vice-President of the Union, to reflect the key role he will play over the next three years.

Preliminary information can be found on the website www.kenes.com/cleanair

IUAPPA's Transboundary Programme: From Analysis to Action

IUAPPA's major programme to support scientific and policy development on long-range transboundary air pollution has moved substantially forward since the Seoul Congress.

All member organisations have now received the final report of the feasibility study on developing new cooperative machinery at regional and global level, and the full technical reports are available on request. They have been invited to submit the report to their governments and to seek their support for action on it.

The study reviews the current state – at both regional and global level – of emissions, transport and deposition, eco-system sensitivity and abatement methods and costs. It also reviews the current state of cooperation and coordination at regional level around the world. Its main recommendations include measures to strengthen regional networks, coordinate their work and ensure consistency, and establish a global resource centre – probably linked to UNEP – to support and encourage regional coordination arrangements and progressively develop a basis for global integrated assessment.

The conclusions of the review are reflected in the Resolution unanimously passed at the concluding session of the Seoul Congress (reproduced overleaf) and in a Memorandum to go forward in due course to the International Board. This sets out a programme of action for IUAPPA itself, and for national governments and international organisations.

In the next stage of the programme IUAPPA will be discussing the

conclusions of the review, and the recommendations arising from it, with UNEP and with the UNECE Convention on Long-range Transboundary Air Pollution. We believe it is particularly important to open up dialogue with – and promote public understanding of – the other regional initiatives that have emerged in recent years, notably the EANET Network in North East Asia, and those associated with the ASEAN Agreement and Malé Declaration, as well as initiatives developing under the Harare Declaration in Africa and the Canuelas Declaration in South America. The emergence of these networks points to the opportunities that are now open for major scientific and policy progress if the right framework of regional and global cooperation can be put in place, and if the work of organisations such as IUAPPA can ensure that they receive the public and political support – and resources – that they need and deserve.

In the next few months IUAPPA will be working hard to secure wide debate of the proposals, notably at the Rio + 10 Sustainable Development Conference in Johannesburg in September, and, with the support of interested governments, to promote debate within the Governing Council of UNEP. Meanwhile, IUAPPA will be further developing and refining its proposals, at both the scientific and the policy level, through its International Advisory Board and associated Scientific Committee. It is important that the Union also considers what more it can do in the field of education and public awareness of the issues.

We have already made useful progress in raising the profile of the issue, notably through important contributions to the Seoul Congress – Klaus Topfer, UNEP

Executive Secretary, Jan Thompson, former Chairman of the Executive Body of LRTAP, and a number of the leading international scientific experts in the field, have substantially advanced debate on the issues. However it is IUAPPA's intention that sessions at forthcoming IUAPPA conferences, leading up to the next World Congress in Jerusalem, will also highlight and further advance consideration of the issues.

In addition to the summary report of the feasibility study, the following technical reports can also be obtained from IUAPPA headquarters:

- First report: A Review of Technical Issues and Capabilities in the Application of Integrated Assessment at Regional and Global Levels;
- Review of the Developments of Regional Cooperation Arrangements;
- Review of Atmospheric Trends and Issues at Continental Level;
- Bibliography.

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Jan Thompson, former Chairman, LRTAP Executive Body

Resolution on Worldwide Action on Long-range Transport of Air Pollution

At its 12th World Clean Air and Environment Congress, held in Seoul, Korea, from 26-31 August 2001, the International Union of Air Pollution Prevention and Environmental Protection Associations (IUAPPA) agreed on the following Resolution:

The IUAPPA

Recognising that

Air pollution continues to impose significant damage to the environment, public health and materials, resulting in considerable human, social and economic loss to individuals and society worldwide;

Damage associated with air pollution undermines prospects for sustainable development;

Emission reductions achieved in one part of the world may be partly offset by increases elsewhere;

Air pollution, travelling globally across national borders, must therefore be addressed in an integrated way at local, regional and global level;

Action on acidification, eutrophication, and tropospheric ozone formation has important inter-linkages with other global issues, such as programmes on climate change and persistent organic pollutants;

Noting that

Science is now in place to address air pollution on a global level;

Regional co-operation within the framework of the 1979 UNECE Convention on Long-range Transboundary Air Pollution has been successful in curbing emission of air pollutants in Europe and North America;

Further intergovernmental co-operation in worldwide integrated assessment of air pollution and abatement options, which recognises the need for cost-effective solutions and international burden-sharing, could yield significant benefits to all parties;

And that the uneven distribution of resources and capabilities in the world impairs the prospects for quick progress on emission inventories, effect studies, technology applications and associated policy development;

Calls upon

All Member States to give the issue high priority and, in particular, to support the further development of international co-operation on regional scientific and political mechanisms;

Invites

The United Nations Environment Programme (UNEP), drawing on its global experience, to establish, with the assistance of other relevant bodies, an effective international co-ordinating framework to promote relevant science and technology, encourage regional collaboration on transboundary air pollution and to elaborate necessary burden-sharing mechanisms, including integrated assessment modelling;

Resolves, in the meantime, to

Promote co-operation among relevant governmental and non-governmental organisations (NGOs) in support of establishing such a body;

Develop a programme for public and political awareness-raising, aiming at facilitating worldwide policy action to reduce emission of air pollutants and their resulting negative impact on the environment and human health; and

Assist in promotion, co-ordination and capacity-building for the development of a more effective global framework to address air pollution.



Forthcoming IUAPPA Meetings

Building a Sustainable World – IUAPPA Global Conference in Brazil

IUAPPA's principal meeting this year is a global conference in Brazil marking the 10th Anniversary of the first Rio World Environment Summit, providing an opportunity to debate and move forward this year's World Environment Summit in Johannesburg.

The main meeting and exhibition, "Building A Sustainable World", will take place in Sao Paulo from 22-25 October. It is being organised by ABEPPOLAR, under the leadership of IUAPPA Vice-President Randolpho Lobato. The meeting will incorporate and build upon ABEPPOLAR's Environmental Fair, the major environmental exhibition in South America. The conference itself will have a variety of themes, built around sustainable development, and including alternative energy and eco-system conservation, as well as air pollution issues.

The conference will be associated with two other major events: the first International

Workshop on Urban Air Quality Management will bring together experts from Europe and South America (see right). The second is a special conference focusing on transboundary air pollution and international atmospheric issues, and will be held in attractive environmental surroundings elsewhere in Brazil.

IUAPPA's aim, in structuring the programme around these three main elements, is to cover a wide spectrum of issues, focus the meeting on concrete issues in policy and scientific development, and allow participants to experience both the exciting urban centre of Sao Paulo and Brazil's beautiful natural environment.

The detailed programme for the meetings will be published shortly. Meanwhile member organisations are urged to reserve the period Sunday 20 to Tuesday 29 October inclusive for participation in part or all of this important series of meetings.

International Workshop on Urban Air Quality Management

At its meeting in Seoul the International Board agreed to undertake a programme of specialist international workshops on urban air quality management. The first of these, to be held in conjunction with the Brazilian conference in October, will be between air quality specialists in Europe and Brazil, but will also bring in representatives from elsewhere in the world. The programme, being designed by Giuseppe Fumarola of Italy and Vicente Mazarella from Brazil, will be structured around five half-day sessions which will each take a key theme in urban air quality management, including

- The Environmental Policy Context; Air Pollution from Road Vehicles;
- Air Pollution from Industry;
- Air Pollution Database;
- Regulatory Control.

For each session there will be a background paper on current experience in the host city, and experts from Europe and Brazil will then debate problems and policies. A report on the workshop will be prepared for wider distribution.

It is intended that this workshop be the first of a series, and representatives from other South American cities will participate, with support from IUAPPA's Development Fund.

A similar programme already operates between the Swedish Environment Institute and Asian cities, and opportunities for cooperation between IUAPPA and that programme are being explored.

Dubrovnik – 2003

IUAPPA's principal Regional Conference during 2003 will be held in the historic city of Dubrovnik, Croatia, at the invitation of the Croatian Air Pollution Prevention Association (CAPP). The conference will take place from 6-10 October, and be held in the beautiful and calm surroundings of the Excelsior Hotel, a short distance from the historic city centre. A full programme of special events is already planned, including a performance at the open-air theatre and a concert in an ancient church. CAPP has already been successful in securing the support of the Dubrovnik municipality and the Croatian Ministry for the Environment.

The theme for the conference is likely to be air quality at urban, regional and global scales, with a significant element of the programme devoted to the European Union's new 'Clean Air for Europe' programme. An international advisory board is now being appointed, and the first announcement and call for papers will follow shortly.

Energy and Environment

Energy and the environment will be the focus of a major conference, organised by the Megalia Foundation and sponsored by IUAPPA, to be held on the beautiful Italian island of Capri from 6-8 June 2002.

IUAPPA's Italian member organisation, CSIA-ATI, represented by its President Beppe Zerbo, is playing an active role in the conference. Although the programme for the conference is already full, there is still time to register for participation, and member organisations are

urged to draw the meeting to the attention of interested members.

The President and Director General of the Union will be representing IUAPPA at the meeting, and giving an address on key aspects of international energy policy of concern to the Union. A meeting of IUAPPA's European members, under the sponsorship of EFCA, is expected to be held during the conference.

More information: www.megaliafoundation.it

Next Meeting of IUAPPA International Board

The 2002 International Board meeting will be held in the course of the Brazil conference during October.

News and Notes

Prof Bernard Festy, President of APPA, has been appointed vice-chairman of a new French National Centre for Indoor Air Pollution.

Following changes in professional responsibilities **Klaus Grefen**, for many years Germany's distinguished and highly regarded representative on the IUAPPA Board, is now standing down. He will be succeeded as KRdL representative by **Dr. Rudolf Neuroth**.

A leading international publisher has now confirmed its support for IUAPPA's proposal for preparation and publication of a **global atlas of atmospheric pollution**, and work on the project is now underway. It is being coordinated by Dr Ranjeet Sokhi, to whom enquiries should be addressed (r.s.sokhi@herts.ac.uk)

Member organisations are reminded to submit as soon as possible details about their current officers and programme for the **2002 IUAPPA Handbook**. Contributions should go to Loveday Murley (lmurley@nsca.org.uk).

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Hopes for the Future

Following the Seoul Congress the Hopes for the Future selection process is proceeding, energetically led by Manfred Neuberger. The current process is now approaching its climax. Nominees for consideration were:

Kofler (Austria) – 'Comprehensive theory for interactions environment person and health'
Buccini (Canada) – 'Stockholm convention for global action to reduce POPs'
Mazzarella (Brazil) – 'Elephantgrass – a new

renewable energy and cleaning resource'
City of Birmingham (UK) – 'Local Agenda 21'
Hong (Taiwan) – 'Air quality control policies'
City of Westminster (UK) – 'Long-term effect of clean air campaign'
Shim (Korea) – 'Basics for air pollution strategy for mega-city'
Chow (USA) – 'PM₁₀ variations in spatially dense monitoring network'
Jung (Korea) – 'Distribution of polydispersed aerosol by precipitation scavenging'.

IUAPPA 2001 Awards

The selection of Jan Pronk of The Netherlands for the 2001 Barthel Award is reported elsewhere in this issue. At the Seoul Congress other major IUAPPA awards were also decided.

The Congress Award, which goes to the most notably recent contribution of a scientific or technical nature to the issues with which IUAPPA is concerned, was awarded to Professor Joel Schwartz of the Harvard School of Public Health, for his distinguished contribution to understanding of epidemiology of fine particulate pollution effects.

Professor Schwartz has accepted the award and will attend a future conference of the Union at which the award will be retrospectively presented.

At the same time, the Awards Committee resolved to award Certificates of Honour to a number of persons who, in its view, had also made exceptional contributions to the work of IUAPPA or more generally to the advancement of air pollution and environmental sciences.

The first award of such a Certificate of Honour was made to Dr. K.C. Moon of Korea for his remarkable contribution, both at a scientific and an organisational level to the success of the 12th World Clean Air Congress. Other awards will be made to Bert Brunkreef, Denis Zmirou and Graham Johnson.

EFCA Sets Future Course

At a recent meeting in Maastricht, the Board of the European Federation for Clean Air mapped out its future. Member organisations concluded that there would be a continuing role for a federation in Europe focused primarily on atmospheric issues, with increasingly close links to IUAPPA. However they expressed their strong support for moves towards the creation of a federation of European environmental professional organisations, and indicated that they would be happy to work with other European organisations to bring this into existence, and to adjust their own structure and organisation in ways which could facilitate this.

At the same time the Board elected officers for the coming period. Joop van Ham, IUAPPA's treasurer, will continue as secretary to EFCA, but Giuseppe Fumarola (Italy) now succeeds Louis Clarenburg as President. Members of the Board paid a warm tribute to Louis Clarenburg and Klaus Grefen for their past work for EFCA, and welcomed as their successors Pieter Rombout of The Netherlands and Rudolf Neuroth of Germany.

The next conference for EFCA members will be the Capri meeting on "Energy and the Environment", which IUAPPA is sponsoring. Next year EFCA plans to focus in particular on the EU's Clean Air for Europe programme and on the review of European health-based air quality guidelines. It is expected that the former will be considered in particular at IUAPPA's Dubrovnik conference, and that the latter will be the subject of a separate meeting sponsored by EFCA. Jean-Marie Rambaud of APPA and Pieter Rombout of VVM are currently exploring possibilities and would welcome members' views.