

# ENVIRONNEWS

Autumn 1995 (Issue 2)

*The newsletter of the Environmental Sciences Association of Ireland:*

*an association for people working in the environmental area.*

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**The Annual General Meeting of ESAI will be held at the colloquium and members are asked to nominate persons for election as officers and council members by 22 December 1995 (see page 2).**

### Help wanted

There are many good suggestions of articles for *Environews*, directories to be compiled, and placing information on the World Wide Web, but few people volunteering to do the work. Will you help?

## EDITORIAL

### What is in a name?

Some readers may notice that the name of our association has changed by the insertion of "sciences". Originally this was omitted because it was felt it may exclude persons who were not trained as scientists. The committee debated the title and felt without this word it was too open and may lead to confusion with organisations with a more public membership (e.g. An Taisce, Earthwatch, Greenpeace). The word sciences is used in the context of searching for truth based on existing facts, and thus includes management, engineering, agricultural, legal, social, economic, natural and physical sciences. If you wish to propose an alternative title or make any other alterations to the constitution these must be forwarded to the Chair by 22 December 1995.

Please renew your membership now (form enclosed), or at the colloquium. Note reduced subscription to the Royal Irish Academy journal *Biology & Environment*.

## COLLOQUIUM NEWS

The next Irish Environmental Researchers Colloquium will be at least as big as ever (400 delegates at last meeting). It will be opened by the Minister of the Environment and the Executive Director of the European Environment Agency.

**Dates:** Evening of Friday 12 January 1996 until lunchtime Sunday 14 January 1996.

**Venue:** Belfield campus, University College Dublin;

Friday at the O'Reilly Hall and remainder in the Sciences Building.

**Contact:** Anne Johnson, Environmental Institute, Richview, Clonskeagh, Dublin 14.

Tel . 01 - 269 7988; fax - 283 7009. E-mail: [ajohnson@macollamh.ucd.ie](mailto:ajohnson@macollamh.ucd.ie)

## ESAI ACTIVITIES

### **Publication of colloquia abstracts**

The organisers of the 1995 symposium have arranged for suitable abstracts to be published in the journal *Biology and Environment*. This journal is provided to ESAI members at a reduced rate.

### **How is ESAI involved in the colloquia?**

ESAI assists colloquia by providing mailing lists from previous colloquia and advice to organisers. Responsibility for the colloquium rests entirely with the host organisers who make all decisions regarding acceptance of papers and programme.

It may not be appreciated by delegates that only those who have registered and paid in advance for a colloquium will be on its mailing list. Delegates who arrive on the day will not be on the mailing list and, unless they are members of ESAI, they must directly contact the next symposium organisers for information.

### **Notice of Annual General Meeting**

Members are hereby notified that the AGM will take place on Saturday 13 January 1996 at 18.00 - 19.00 hours, in the Arts Building at University College Dublin in conjunction with the Irish Environmental Researchers Colloquium. The agenda will comprise of report of council activities in 1995, formal adoption of the constitution, and election of council for 1996. Only members paid for 1996 are entitled to vote. Prospective members may attend the AGM as observers.

### **Constitution.**

A revised constitution has been agreed by the Council and is being circulated to members with this newsletter. Copies will be available to new members. This constitution will be formally voted on at the AGM. Any proposed amendments must be made in writing by 22 December 1995 to Prof. E. Colleran, Dept. Microbiology, University College, Galway.

### **Nominations of Officers and Council.**

Nominations for EASI officers and council members are hereby requested. Nominations can be given to any council member but must be forwarded by 22 December 1995 (so there is time for council to prepare ballot papers). People may nominate themselves. If nominating somebody else you must have already confirmed with them that they are willing to stand for election.

It is not policy to select council members on geographical, institutional, sectoral, or professional grounds. It is the responsibility of the members to propose, and elect, persons representing the breadth of the membership (e.g. graduate students, environmental consultants). The council will consider the establishment of committees or groups to co-ordinate activities in certain areas (e.g. student group, rural environment group). However, as in all the society activities it is up to individual members to propose and voluntarily run these groups; there is nobody being paid to do it for you.

## **ESAI Membership survey results (summer 1995)**

First of all we would like to thank those people who took the time and trouble to fill in our survey form. The survey response was 22 individuals out of our 160 membership -- a very small representation of our members!

The majority of suggestions in reply to our survey (51%) saw the role of the ESAI as an information service on various aspects of environmental and conservation issues, including job opportunities and grants available. Other requests varied and had much lower representations. These included tackling the thorny issue of professional standards for environmental scientists and environmental management practice (19%), acting as a line of communication between Irish environmentalists (9%), organising more meetings for Irish environmental scientists (7%) and organising training seminars on technical subjects (5%). There were also a few suggestions such as, that the ESAI act as a lobbying group for various environmental issues and to provide an annual directory of membership.

But all the above opinions only represent just under 14% of our membership so don't forget the ESAI is you! We have included a copy of form in this issue of the newsletter, just in case you have "recycled" the last one. Those who have already responded need not do it a second time (unless they wish to add to their previously expressed views which would be welcomed as a letter to the editor). This is your opportunity to help mould the direction of environmental thinking in Ireland, so give it a bash.

### **How is *Environews* produced?**

This issue (no. 2) of *Environews* was generously printed on recycled paper by the Environmental Protection Agency and by kind permission of the National Roads Authority. In addition to 200 copies for members, an additional 500 copies will be made for circulation at the 1996 Irish Environmental Researchers Colloquium in UCD. Members who receive a second copy at the colloquium are asked to give it to a potential member.

*Environews* No.1 was produced (by photocopying on recycled paper) by Brona Tennyson and EMA Ltd environmental consultants. The total cost of production, paper for 200 copies and postage for 160 copies, was £242 (include. VAT). Folding the newsletter for posting saved on envelope and postage costs (32p per newsletter). EMA staff freely gave their time to photocopy, fold and post the newsletter.

The editors and contributors to the newsletter do so without payment. (It may also be noted that all council members have attended ESAI meetings at their own expense) As it is council policy to keep costs to a minimum until the association is financially secure, *Environews* has been produced at the minimum cost possible.

***Environews* would welcome offers of sponsorship, and can accept advertising.**

*ESAI LOGO*

*Can you sketch out a logo for the ESAI, or provide suggestions?*

## PUBLICATIONS OF INTEREST

### ***Consumer Choice***

One of the top Irish environmental news periodicals must be the *Environment Bulletin* (see *Environews* no. 1). A contrasting but complementary magazine is *Consumer Choice*, a monthly magazine posted to members of the Consumer Association of Ireland. In contrast to the *Environment Bulletin* which is produced by a government department, this magazine is independent of government and industry, and provides a valuable independent critique of issues affecting consumers. It regularly contains articles of environmental interest. For example the August issue had a list of environmental organisations, and previous issues have reported on local authorities, freedom of information, data protection, food quality and poisoning, organic farming, growth promoters, water, air and noise pollution, drinking and bottled water quality, etc.. Articles are authoritative, concise, always educational and of valuable practical use. Contact: Consumer Association of Ireland, 45 Upper Mount St., Dublin 2. Tel. 01-6686836, Fax - 6612466. Personal subscription £39, first 3 months free. Back issues are available to members for £2.

### ***EPA Newsletter***

This recently started newsletter provides information on the EPA, its regional laboratories, new and current work programmes, and recently published reports. The September 1995 issue (no.3) has articles on Environmental Impact Statements, preparation of a State of the Environment report, recently published reports on Air and Drinking Water Quality, and European Environment Agency developments (including publication of a state of the European environment report). To get on the mailing list, contact the Environmental Protection Agency Headquarters, Ardcavan, Wexford, Tel. 053-47120, fax-47119.

#### **Sustainable Development publications**

- *Moving Towards Sustainability*, May 1995. Department of the Environment.
- *Local Authorities and sustainable development: guidelines on Local Agenda 21*. June 1995. Department of the Environment.
- *Environmental Indicators: A Systematic Approach to Measuring and Reporting on Environmental Policy Performance in the Context of Sustainable Development*, May 1995. A. Hammond, A. Adriaanse, E. Rodenburg, D. Bryant, R. Woodward, World Resources Institute.

#### **Electronic publications**

There is a rapidly increasing number of organisations providing information on the World Wide Web (e.g. Irish Research Scientists Association, see page ). A good example of an Irish WWW entry of international environmental interest is a checklist of seaweeds of the North East Atlantic produced by Prof. Mike Guiry (UCG) and Bernard Picton (TCD); it is at < <http://seaweed.ucg.ie/seaweed.html> >. Prof. Guiry has also established a discussion group on the internet. To join it send the message < subscribe algae-L@irlearn.ucd.ie > followed by your own e-mail address.

### FINAL REPORTS ON THE STRIDE PROJECTS

Copies of the final reports on the STRIDE environmental research projects are available from the EPA Publications Section, St Martin's House, Waterloo Road, Dublin 4. They covered (project leader in parentheses) the following:

- aluminium use and substitution in drinking water (Prof. T. Casey UCD)
- trace pollutants in the Irish atmosphere (Prof. G. Jennings UCG)
- co-digestion and composting of a representative range of high solids organic wastes (Prof. E. Colleran UCG)
- development of aquifer protection plans for counties Galway, Mayo and Roscommon (Dr R. Thorne Sligo RTC)
- particulate nutrient inputs and alga development in Dublin Bay (Dr M. Brennan TCD)
- reuse and recycling of large plastic sheeting from agricultural, and building sectors (Ms B.Tennyson EMA)
- trace organic contaminants in Irish groundwaters (Mr S. Bennett Cullen & Co. Ltd)
- eutrophication in the Inniscarra Reservoir, River Lee, Co. Cork (Mr M. O'Sullivan RTS Cairns Ltd)
- pollution control of freshwater fish farm effluents in Ireland (Dr M. J. Costello TCD).

**Environmental Protection Agency publications**

*Environmental Research, Discussion Document on a National Programme and Priorities.* April 1995. This volume is useful in that it examines the perceived environmental issues in Ireland rather than just following the lead of EU Environmental Policy and Programmes. It is a perfect example of how the EPA can provide a platform for interactive consultation by all parties involved at all levels and in all areas affecting the environment. This publication examines research to date on environmental issues in Ireland and indicates areas requiring further research. Consultation was made with people involved in environmental research and the first steps have been taken to ascertain the background information required to implement sustainable development as outlined in the governments Environmental Action Programme in 1990. It is a useful publication which gives a holistic approach to environmental research in Ireland and is a first step in the direction of integrated environmental management at a national level.

*(Draft) Report on the Inventory of Environmental Research Projects.* July 1995.

This document lists environmental projects in Ireland, and the persons and organisations involved. The report recognises it is incomplete, and asks for more submissions. Some 700 questionnaires were mailed out in compiling information, and 272 researchers responded from 59 organisations. This is a good response considering URGE, the Department of the Marine, EU and other bodies had sent out questionnaires for similar information a short time previously. Unfortunately there does not seem to have been any attempt to extract data from these previous studies and thereby save respondents time and make the inventory more complete. Future editions would also benefit from cross-checking between lists, as more organisations are listed under the projects and persons than in the actual list of organisations.

survey, and the results in terms of types of studies their subject area, and source of funding (54%, £15m, direct from EU). As the database grows, it would be preferable to publish the inventory electronically (e.g. diskette), so that readers could quickly search for keywords of subjects, persons or places. If respondents included localities for studies then a map search facility could be incorporated. The last line of the report mentions the ED-MED directory of "marine" (includes freshwater) data available in Ireland produced on diskette by the Irish Marine Data Centre (see *Environews* no.1). The latter preceded this report and is an inexpensive Irish produced database with considerably more information than could be compiled in a single report. The EPA draft inventory does mention the advantage of an electronic database in searching for information. Perhaps the various government agencies in the environmental area will collaborate on producing a joint database?

An interesting aspect of the report is that it discusses the difficulties in conducting the

*Guidelines on the information to be contained in an Environmental Impact Statements.* July 1995. This document (£5), the accompanying *Advice notes on Current Practice in the preparation of EIS* (£15), and the above publications are available from the EPA Publications Section, St Martin's House, Waterloo Road, Dublin 4.

**Her Majesty's Stationary Office** produce a free catalogue of UK government environment publications: HMSO Publicity, Dept. B, St. Crispins, Duke St., Norwich NR3 1PD, UK.

*Please send brief reviews of other environmental publications (with a copy if possible), be they books, magazines, or electronic (diskettes, WWW) which may interest members to ENVIRONEWS.*

## FUNDING

**Enfo** fact sheet no. 17 lists eleven schemes providing awards for environmental action.

- Bord Failte Super Valu Tidy Towns competition
- Opel An Taisce Work for Ireland Awards
- Ford Conservation Awards
- AIB Better Ireland Awards
- Local authority Environment Campaigns Award scheme
- Environment Awareness Award Scheme
- Environment Award for Industry
- ICI Agrochemicals and Irish Farmers Journal Farming Conservation Awards
- Irish Woodland Management Ltd. and Irish Farmers Journal Irish Forestry Award
- Blue Flag for Beaches Awards
- EC Architectural Competition

This and other informative Enfo factsheets are available from The Environmental Information Service, 17 St Andrew Street, Dublin 2. Tel 01-679 3144, fax - 679 5204.

The Heritage Council (see page 7) also provides funding for environment projects.

## OPPORTUNITIES

The European Environmental Research Organisation (EERO) funds long and short-term fellowships, symposia, workshops and training courses. Contact EERO, P O Box 191, 6700 AD Wageningen, The Netherlands. E-mail EERO@rcl.wau.nl.

## ENVIRONMENTAL ORGANISATIONS

### **Useful sources for Irish Environmental Organisations**

Lists of environmental organisations in Ireland are available from Enfo, and are published as articles in Technology Ireland (c/o Forbairt, Glasnevin, Dublin 9) and Consumer Choice (see below) magazines.

### **Irish Research Scientists' Association**

This organisation for researchers in science, engineering, technology, and medicine is growing from strength to strength. It is primarily a lobby group to get research higher on the national political agenda. In addition to membership subscriptions of almost 500 persons, a promise of £37,500 per annum for three years from the Department of Commerce, Science and Technology, will give the association a sound financial basis for the future.

For further details write to the Secretary IRSA c/o 28 Sandyford Hall Park, Kilgobbin Road, Dublin 18; or check the World Wide Web at < <http://www.physics.dcu.ie/irsa.html> >.

## SCOPE - AN INTERNATIONAL ROLE FOR ESAI?

SCOPE is the **Scientific Committee on Problems of the Environment**. It was set up by the International Council of Scientific Unions in 1969 to (a) advance knowledge of human influence on the environment, (b) effects of such changes on people, and (c) to advise governments and organisations on environmental matters. Its international, non-governmental, and interdisciplinary nature has ensured success in bringing together leading scientists to debate, synthesise, and give direction to research on major global environmental problems.

SCOPE projects consist of critical synthetic analyses and assessments. The 16 current projects are in five clusters: Sustainability; Biogeochemical cycles; Global changes; Ecosystems and biodiversity; Health and Ecotoxicology. Their results are published in the over 50 SCOPE reports which act as 'state-of-the-art' reviews (e.g. on nuclear war, ecotoxicology). These projects contribute to ICSU programmes, particularly the International Global Biosphere Programme.

Ireland is involved in IGBP but has never been involved in SCOPE. National representatives to SCOPE are usually made by a country's scientific academy. In the absence of an environment committee in the Royal Irish Academy, ESAI is investigating if the academy would recognise ESAI as the nominating body for Irish representation to SCOPE. If the academy support this initiative then ESAI will investigate the implications of SCOPE involvement further. This would provide an important international role for ESAI, and formal recognition of ESAI nationally and internationally.

## Launch of the new Heritage Council

The passage of the Heritage Act earlier this year allowed replacement of the previous non-statutory National Heritage Council (chaired by Lord Killanin) by a new statutory body. This new body is known as The Heritage Council or an Chomhairle Oidhreacht. The chairperson (Ms Freda Rountree) and the 16 other members of the Council were appointed earlier this year by Minister Michael D. Higgins, and it was formally launched on 2 November in Kilkenny Castle. The functions of the council (according to the Act) are to

*“propose policies and priorities for the identification, protection, preservation and enhancement of the national heritage, including monuments, archaeological objects, heritage objects, architectural heritage, flora, fauna, wildlife habitats, landscapes, seascapes, wrecks, geology, heritage gardens and parks and inland waterways.”*

This is the first time that conservation of all aspects of our national heritage have been encompassed in the brief of a statutory body. The council assumes and extends the functions of the former National Monuments Advisory Council, Historic Monuments Council, and the Wildlife Advisory Council. The establishment of the Heritage Council is part of a series of legislative changes which will put protection of the national heritage on a more secure footing,

The Council will have power to shape and coordinate policy, prioritise and fund projects, and generally set the agenda for heritage protection and conservation. It has a duty to advise the Minister on any matter relating to the Council's function and has the right to make such recommendations public. It has a clear role in advising public authorities, particularly with regard to heritage buildings.

In effect, the Council is autonomous. It will recruit and employ its own staff, allocate its budget, and decide on external project funding. A considerable debt is owed to Lord Killanin and the previous National Heritage Council members for their dedicated efforts over the past eight years to ensure a statutory basis for the Council. The challenge facing the Council is to wisely use its powers for the protection, conservation, and enhancement of the national heritage for the benefit of the present and future generations.

Emer Colleran, member of the Heritage Council.

**MARINE NEWS**

**The Marine Institute (Foras na Mara)** is a national agency established under the Marine Institute Act of 1991. Its function is “to undertake, to co-ordinate and to assist in marine research and development and to provide such services related to marine research and development, that in the opinion of the Marine Institute will promote economic development and create employment and protect the marine environment”.

**Marine programme managers**

Last September new posts were created at the Marine Institute so there are now managers of R & D programmes in Marine Food (Dr John Joyce), tourism and leisure (Ms Yvonne Shields), technology (Dr Mark White), and European desk and Development (Mr Geoffrey O’Sullivan). There are already managers of the Marine Research Measure (Mr Stephen Boyle) and Data Centre (Mr John Wallace), and the Chief Executive is Dr Peter Heffernan.

**Marine policy**

This year the Marine Institute has launched a process of public consultation to form a marine policy. Submissions are welcomed from any source either in writing or through comments at public seminars being held around Ireland. The seminars concern marine safety, environment, transport, tourism, leisure, food (includes fisheries and aquaculture) and industry (including technology, energy, mineral resources and engineering). For further details write to the Marine Institute, 80 Harcourt Street, Dublin 2 (tel. 01-478 0333, fax - 478 4988).

**27 MARINE RESEARCH PROJECTS FUNDED**

The institute has announced £2m funding for 27 research projects under “The Marine Research Measure of the Operational Programme for Fisheries 1994-1999”. They cover fisheries (herring, squid, rays, database development, crabs), aquaculture (turbot, oysters, scallop spat production, seaweed for abalone, toxin contamination in shellfish), fish disease (sealice, furunculosis in freshwater), value added processing (pesticide from crustacean waste, frozen oyster products, microbiological safety of shellfish, food processing monitoring, seaweed as soil additive, seaweed as a vegetable), instrumentation (phsyico-optic systems), wave energy and measurement, mapping maerl and other seaweeds, geo-surveying continental shelf, dolphin surveys, and river catchment management. Funding is significant at an average of £50,000 per project (range £30,000 to £200,000).

**COASTAL ZONE MANAGEMENT**

This summer, the government has awarded a large contract to the consultants Brady, Shipman and Martin to prepare a coastal zone management strategy for Ireland. The report is to be completed in early 1996.

**NEW LEGISLATION**

This summer saw the publication of a Dumping at Sea Bill and Waste Bill (see supplement in *Environment Bulletin* September 1995). The former contributes to Irelands responsibilities under the Oslo and Paris Convention (OSPAR) which agrees measures to protect the sea.

## NEW PROJECTS

### Environmental Protection Agency

The EPA has commissioned the following shared-cost projects under the Environmental Monitoring R & D programme:

- investigation of the eutrophication processes in the littoral zones of western lakes
- a baseline study on concentrations of volatile organic compounds and PM10 in Dublin city
- remote sensing of lakes - improved chlorophyll calibration and data processing
- information and methodology study to assist improved management of solid wastes
- small scale wastewater treatment systems

Additional projects to be funded in the near future include:

- determination and mapping of critical loads for sulphur and nitrogen, and critical levels for ozone in Ireland
- quantification of phosphorus losses to water due to soil phosphorus absorption
- investigation of nutrient inputs, influxes and productivity in selected brackish waterbodies
- ecological assessment of Irish lakes
- investigation of toxins produced by Cyanobacteria
- use of cleaner production technologies in metal finishing and electronics industries.

### Management plan for the sustainable use of Lough Gill and environs, County Sligo

The European Commission LIFE programme has granted financial assistance to Sligo County Council to produce a management plan for the sustainable use of Lough Gill. The LIFE programme part-funds projects which promote sustainable development of the environment, protect natural habitats and nature, educate the general public in relation to environmental awareness, and establish environmental policies and action programmes. Lough Gill is the tenth largest lake in the Republic of Ireland, and its immediate catchment has a landscape of rugged hill, woodland, and islands. This area is internationally regarded as an area of outstanding natural beauty. It is also an area of special ecological significance and has particularly interesting flora and fauna. The lake is important as a coarse and game fishery, and a public water supply for Sligo town and

parts of Leitrim. There are historically important sites around the lake's shores and islands, and its association with W. B. Yeats ensures a literary importance that few other areas can achieve.

Lough Gill is thus recognised as one of the greatest assets of Sligo and Leitrim for recreation, tourism, wildlife and a source of clean water for domestic and industrial use. To a large extent these and other activities are compatible, but sometimes there are conflicts which need to be resolved. To ensure that the lake continues is preserved in a pristine state while available for its many uses that the preparation of a Catchment Management Plan is seen as essential.

For further information contact Mr Enda Thompson, Manager Lough Gill LIFE Project, Sligo County Council, Riverside, Sligo.

## EDUCATION

### University College Galway

A new denominated B.Sc. degree in Environmental Science (15 students annually) follows the NUI four year pattern of increased specialisation each year, and passage to the fourth (honours) year being dependent on achievement in the second and third year examinations. The course is taught by a notably wide range of departments (Applied Geophysics, Botany, Chemistry, Engineering Physics, Experimental Physics, Geology, Microbiology, Oceanography, Zoology). It is co-ordinated by Prof. Emer Colleran and Dr Mike Gormally of the Department of Microbiology.

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*In this section information on environmental education courses (full-time, part-time, field or classroom, at all levels) will be provided if it is forwarded to the Editor. The information will be filed to eventually produce a list of such courses in Ireland. All the universities and colleges run courses which are relevant to, or have specialisations within, the environmental area. In general one must contact the Admissions office or contact individual departments for information.*

## FIELD STUDY CENTRES

There is a growing number of centres providing information and activities on the natural environment for schools and the public. ESAI would like to develop a full list of such centres. As a start here is a list of some in the Dublin and south-east of Ireland:

- National conservation Education Centre, Enniskerry
- Wexford Wildfowl Reserve, North Slob, Wexford
- St Enda's National Historic Park, Dublin 16
- Phoenix Park Visitor Centre, Dublin 8
- Bull Island Interpretative Centre, Dublin 5

*The editor would be grateful for information on other centres.*

## CONFERENCE REVIEW

### **Strategies and methods in coastal and estuarine management,**

Trinity College Dublin, 11-16 September 1995.

Over 200 delegates attended this week long international conference which formed the largest (and 25th) annual symposium of the Estuarine and Coastal Sciences Association ever. Over 100 papers were presented and a few copies of the book of programme and abstracts are still available (£5 ESAI members, £10 to others) from the convenor (ECSA25, Environmental Sciences Unit, Trinity College, Dublin 2; fax 01-6718047). Of the 50 full length papers submitted, those passing peer review will be published as special issues of the periodicals *Aquatic Conservation: marine and freshwater ecosystems*, *Journal of Coastal Conservation*, and *Estuarine and Coastal Shelf Sciences*.

**MEETINGS DIARY**

*In view of the large number of meetings in the environmental area, only meetings either in Ireland, or major international meetings at which several ESAI members may attend, are included.*

*The Editor welcomes short reviews of meetings for this newsletter.*

<b>DATES</b>	<b>TITLE</b>	<b>VENUE</b>	<b>FURTHER DETAILS</b>
<b>1995</b>			
December 12	Irish Sea Forum Seminar 12: <b>Trace pollutants</b>	Ulster Museum, Belfast	Mrs Hilary Davies, University of Liverpool. Tel -44-151-794-4089, fax - 4099, e-mail H.Davies@liverpool.ac.uk
<b>1996</b>			
January 12 - 14	Irish <b>Environmental</b> Researchers Colloquium	University College Dublin	Anne Johnson, Environmental Institute, Richview, Clonskeagh, Dublin 14. Tel . 01 - 269 7988; fax - 283 7009 e-mail <a href="mailto:ajohnson@macollamh.ucd.ie">ajohnson@macollamh.ucd.ie</a>
July 21-26	13th International Symposium on <b>soil Zoology</b>	University College Dublin	Dr T. Bolger, Dept. Zoology, University College, Belfield, Dublin 4.
July 28-31	9th International Colloquium on <b>Apterygota</b>	University College Dublin	Dr T. Bolger, Dept. Zoology, University College, Belfield, Dublin 4.
<b>1997</b>			
July 1-4	<b>Fisheries</b> Society of the British Isles annual meeting on Ichthyoplankton Ecology	University College Galway	Dr Julie Fives, Martin Ryan Marine Science Institute, University College, Galway. Tel 091-24411, fax-25000.
<b>1998</b>			
August	27th Symposium International <b>Limnologic</b> (SIL)	University College Dublin	Dr Declan Murray, Dept. Zoology, University College, Belfield, Dublin 4.

**The ESAI Council for 1995** was Chair Prof. E. Colleran, Vice-Chair Prof. P. Giller, Secretary Dr J. Good, Treasurer Dr J. O'Halloran, Newsletter Editor Dr M.J.Costello, Mr O. Carton/M. Ryan, Dr J. Coveney, Dr W. Crowe, Dr T. Doyle, Ms L. Fegan, Dr R. Kalin, Dr M. Kelly, Mr D. McFerran, Mr M. O'Sullivan, Ms M. Ryan, Ms B. Tennyson, Mr E. Thompson.

**Nominations are needed** by 22 December 1995 for election at the AGM in January (see pages 1 and 2).

**ADVERTISING**

With the prior approval of the council, the newsletter will include advertisements. A half page ad' will cost £40. An advertising brochure will be included with the newsletter for £75 (or more if it significantly increases mailing weight). Members names and addresses will not be provided to commercial concerns.

**ENVIRONEWS is distributed free to members of ESAI**

Edited by Dr Mark J. Costello and Dr Theresa Doyle.

Address c/o Dr M. J. Costello, Environmental Sciences Unit, Trinity College, Dublin 2.  
 ESAI membership enquiries to the Dr J. O'Halloran, Dept. Zoology, University College, Cork.

The editors would like to thank Julian Aherne, Emer Colleran, Paul Giller, Lorraine Fegan, John O'Halloran, and Enda Thompson for contributions and assistance with *Environews 2*.

This newsletter was printed by the Environmental Protection Agency and the National Roads Authority.

**Enfo** (St Andrews Str., Dublin 2) have a brochure of Department of the Environment publications which indicates where they are available and at what price. It is commendable that most are free and few are more than £5.

### **Auditors**

Hutchinson, Kelly & Co. of Cork have kindly agreed to act as auditors for ESAI.

Future issues of *Environews* will contain more information on the topics here, letters from members, news from Europe (funding, regulations), news from around the country, people on the move (new staff, promotions), funding opportunities, and anything else members contribute and wish to read about. The editor welcomes information from these and other topics which may interest members.

## **PROFESSIONAL AFFAIRS**

*In future newsletters, it is intended to publish information on professional bodies active in the environmental area in Ireland as such information becomes available.*

In case anybody thinks this funding measure represents any new recognition of the need for research by an Irish government, they will be disappointed to know that this money, and indeed all open tendered research funding in Ireland, comes from the European Union. - irsa marine and environment policy doc's

There has been no written response to the articles in *Environews* on professional **Registration and / or Accreditation**, **How much should environmental consultants charge?** or on **Employment - know your rights** despite some strong opinions given at the colloquia. Did the articles say it all?