



## Coastwatch and Science Gallery Biodiversity May 2010 Events

**Coastwatch Snapshot survey of Dublin Bay May 17<sup>th</sup> – 22<sup>nd</sup>  
Sat 22<sup>nd</sup> May Biodiversity Day – Celebrate in the Science Gallery TCD**

Further Information: Karin Dubsy Coastwatch 086 8111 684, [kdubsy@coastwatch.org](mailto:kdubsy@coastwatch.org)

**Mon 17<sup>th</sup> – SAT 22<sup>nd</sup> May SNAPSHOT NATURE SURVEY OF DUBLIN BAY**

**To Participate:** Use the Coastwatch survey form, walk a stretch of shore once and record wildlife and threats to wildlife. To book a stretch of shore, download survey form and instructions from Coastwatch website [www.coastwatch.org](http://www.coastwatch.org) or collect copies from Science gallery front desk

**Wed 19<sup>th</sup> May 9.30 am –12 noon Dublin Bay shore discovery fieldtrips lead by Coastwatch experts. Boosterstown DART station. Free for all ages. (take rain coat and suitable foot wear).** Workshops can be adapted to primary school or families with small children. **Registration essential.** (Some field trip materials, test kits etc will be available for purchase on the day – 5 euro/pack) Register Science Gallery [www.sciencegallery.com](http://www.sciencegallery.com)

**9.30 – 10.30 Parallel fieldtrips,**

1. The Shore is changing: hydrology and development of a new sand dune saltmarsh system on the south side of Dublin. Lead by Prof James Wilson TCD Zoo. Department
2. Seashells swept up on the shore, find out who lived where and how to see them alive. Lead by Linda Daniels ,post graduate Zoo Dept TCD
3. Water's edge detective: Animals and plants, bits and bobs - growing/swept up, washed down. Karin Dubsy, marine biologist TCD
4. Fish and bait in Dublin Bay: Dave Tilly, Coastwatch South Dublin Bay

**Break** - Discussion (bring your own drink/break)

**11.00 – 11.40 Training session, Coastwatch biodiversity survey Dublin Bay**

Background: Anyone who would like to participate can book any area in Dublin Bay and carry out a snapshot survey looking for animals, plants and signs of trouble while walking 'their patch'. Their results and photos will be uploaded and shown on Biodiversity Day May 22<sup>nd</sup> in the Science Gallery TCD.

The training session will see you apply some of what you have just learnt in the workshop part 1 and fieldtrip leaders will help you as you carry out a sample survey and input your data into the computer.

**11.45 - Conclusions and Group photo.**

Highlight findings, photos, drawings, common and strange bits and bobs found during the week will be collated for display on Biodiversity Day Sat 22<sup>nd</sup> May in the Science Gallery TCD. Send survey forms and jpeg photos by Friday 21<sup>st</sup> noon to be included on Saturday. Bring displays to the Science Gallery on Saturday. 22<sup>nd</sup>.

Organizers: **Coastwatch, Science Gallery Trinity College Dublin in cooperation with Zoology department TCD.**

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## Biodiversity Day Saturday May 22nd 2010

Science Gallery and Coastwatch – Registration: [www.sciencegallery.com](http://www.sciencegallery.com)

### 13.00 - 14.00 - Actively Participate in Dublin Bay Display or Browse

Participate in creation of Biodiversity of Dublin Bay exhibition. Studio 1, facilitated by Karin Dubsy, Katrin O Shea, Paul Laird and Danny Walsh,

This Snapshot exhibition is to celebrate biodiversity of Dublin Bay, help halt the loss and restore Nature. To participate do one or more of the following:

- **survey** your chosen area near low tide and return Coastwatch survey results
- **bring in symbolic materials** collected around Dublin Bay. Displays are arranged by theme and location in the bay. - As the display unfolds, visitors can see the amazing range of habitats and species in the bay and issues which need to be addressed.
- **send jpeg photos** taken the week before on Dublin Bay. (**or bring on CD/memory stick**) Select surveyor photos are added to the Bay biodiversity photo loop. (The loop started during the week as photos and Coastwatch survey results are emailed in.)

**Browse: Science Gallery Crochet Coral Exhibition.**

### 14.00 – 14.40 Workshops running in parallel

**A – Public contribution to our national biodiversity data bank:** Studio 1

Scientists show how volunteers can contribute to the National Biodiversity Databank. Select Coastwatch volunteer survey findings submitted as demonstration.

**B – Mollusc identification workshops** Studio 1 (suitable for all ages) lead by Linda Daniels Coastwatch and zoology Dept TCD

**C – Nature Music:** Tube space lead by Prof. Deborah Kelleher, Head of Music Royal Academy of Music, including live music by Ian Calder and Tanya Turner

**D – Art workshop** Studio 2 and weather permitting Coastwatch led out door art in TCD grounds: Sketching lead by artist Katrin O Shea and creating seashell/stone mosaic, (children 6+ and adult options).

### 14:40 INTERNATIONAL BIODIVERSITY DAY: Music and Reality Plenary:

- Welcome - *Beth Gormley The Science Gallery TCD*
- Introduction – *Dr. Lawrence Gill, Head of Civil, Structural and Environmental Engineering TCD*
- Dublin Bay snapshots: Coastwatch survey results map and exhibition photos by volunteers - *Conor Pyle, Paul Laird and Danny Walsh*
- Music about the Marine environment - *Ian Calder Voice and Guitar*
- Species in a monument, in music and in reality - *Karin Dubsy*
- ‘The Red Salmon’ old Irish poem set to music and performed by *Kezia Wright and Siobhan Brady from St Columba’s college choir, Dublin.*
- Reaction *Prof. Deborah Kelleher, Head of Music Royal Academy of Music*

### 15:40 STATE OF THE SALMON Past, Present and Future

How is this special native fish doing? Why? What action is needed?

- Ken Whelan- *Chairman of the International Atlantic Salmon Research Board*
- Leo Boyle- *Draft fisherman, Boyne estuary (incl. 3 min RTE film)*

Q and A session: A Future for the Wild Irish Salmon

1. In the field habitat and species management
2. Law and law enforcement
3. Consumer and general information/awareness

### 16:15 RECEPTION