



INSTITUTE OF FISHERIES MANAGEMENT
GREATER LONDON & S.E. BRANCH

BRANCH MEETING
KINGS COLLEGE LONDON, STRAND CAMPUS
Wednesday 1st February 2012 - 7.30pm

**Fish are what they eat:
using chemistry to unravel
ecology**

Jon Grey (QMUL)



We are familiar with radio-isotopes but completely overlook the fact that we are full of, and surrounded by, naturally occurring stable isotopes. Stable isotope analysis, particularly using carbon and nitrogen isotopes, is a relatively new 'tool' that fish biologists can use to study diet, infer trophic interactions between species, assess niche space, and even begin to unravel migratory pathways and determine the impacts of parasite burden.

Jon Grey will introduce the concepts of stable isotope ecology, and discuss uses in studies ranging from invasive species interactions (carp and crayfish), ecosystem change using scale archives (roach in Windermere), habitat use and management implications (eel), to what really sits at the top of the Loch Ness food web.

This talk will be held in the **Pyramid Room, Department of Geography, King's Building, King's College London, Strand WC2R 2LS** (see map).

Enter the main entrance to Kings on the Strand, pass through the reception area and on into the King's (main building) – go along the main corridor past the Great Hall to the lifts, which are on the left. Take lift to 4th floor and turn left out of lift into the Geography reception area. Metered parking can be found on Surrey Street.

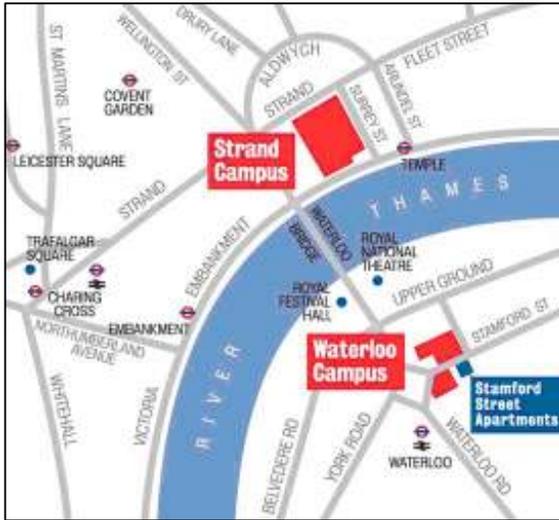
Dates for your Diary

1st March 2012 – *The Thames Estuary Partnership – our work today and tomorrow*
Jill Goddard (TEP) at Kings College London Strand Campus, 7.30 pm

Future meetings

April 3rd – Biology of Arctic charr populations at KCL (tbc)

INSTITUTE OF FISHERIES MANAGEMENT, GREATER LONDON & S.E. BRANCH
Hon. Sec. Steve Colclough 20 Brownelov Copse, Walderslade, Chatham, Kent ME5 9JQ.
Tel:01634 686 460 E-Mail: srcifm@gmail.com



To the King's Strand Building –
 15 mins walk from Waterloo (East) & Mainline and Underground Stations across Waterloo Bridge OR
 15 mins walk from Charing Cross Mainline Station up Strand OR 15 minutes walk from Blackfriars Station OR short walk from Temple Underground Station

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