## Chemicals in the Environment: what we know and what we do not know

A very large number of man-made chemicals – perhaps as many as 100,000 – are in regular, worldwide use. Most of these chemicals will, presumably, reach environment. Currently we know relatively little about which chemicals are where in the environment, at what concentrations they are present, or what effects they might be having on wildlife. But there is understandable concern because a few chemicals have had devastating adverse effects on particular species. We do not have the resources, trained people, facilities or money to investigate every chemical that is present in the environment. Instead, we need to focus our efforts on those chemicals that present the greatest risk to wildlife. How can we identify these chemicals of concern? What training and skills will the ecotoxicologists of the future require? I will attempt to answer these, and other, questions in my seminar, in a way that I hope will provide something of interest for everyone in the audience.

## The Meeting room 13:00-14:00 Science Research Building 1 Ehime Univ.

## Lecturer: **Professor John Sumpter, OBE**

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