



United Nations
Educational, Scientific and
Cultural Organization



International Centre
for Water Resources and Global Change
under the auspices of UNESCO



Programme

Summer School “Plastics in Marine and Freshwater Environments”

17–21 July 2017, Koblenz, Germany



Federal Ministry
of Transport and
Digital Infrastructure



Federal Ministry for the
Environment, Nature Conservation,
Building and Nuclear Safety



International
Initiative on
Water Quality



United Nations
Educational, Scientific and
Cultural Organization



International
Hydrological
Programme



DANUBIUS-PP

17 July 2017 **Monday**

08:30 – 09:00 **Registration**

09:00 – 09:30 **Welcome/Introduction**

09:30 – 11:00 **State-of-the-art overview**

09:30 – 10:15 **Richard Thompson (University Plymouth)**
How concerned should we be about microplastics?

10:15 – 11:00 **Kara Lavender Law (Sea Education Association, Woods Hole)**
A Framework to Advance the Science of Plastic Marine Debris

11:00 – 11:30 **Coffee break**

11:30 – 13:00 **Plastics and Policy**

11:30 – 12:15 **Stefanie Werner (German Federal Environment Agency)**
Strategies to combat marine litter – from theory to action

12:15 – 13:00 **Philipp Hohenblum (Environment Agency Austria)**
Plastics – environmental burden and options for action

13:00 – 14:00 **Lunch break**

14:00 – 15:30 **Plastics and Society**

14:00 – 14:45 **Pamela Nxumalo (Department of Environmental Affairs, South Africa)**
The Management of Plastic Pollution in South Africa

14:45 – 15:30 **Sabine Pahl (University Plymouth)**
Human dimension in marine litter

15:30 – 16:00 **Coffee break**

16:00 – 17:30 **Plastics and Society**

16:00 – 16:45 **Pascal Renaud (German Federal Enterprise for International Cooperation, GIZ)**
Role of waste management and circular economy for marine litter prevention

16:45 – 17:30 **Rüdiger Baunemann (PlasticsEurope)**
Plastics between Innovation, Sustainability and Marine Litter

17:30-17:45 **Discussion**

at 19:00 **Dinner, Venue: Kaffeewirtschaft, Koblenz**

18 July 2017 **Tuesday**

09:00 – 09:45 **Plastics and Society**

09:00 – 09:45 **Georg Caspary (World Bank)**
Integrated Solid Waste Management in developing countries as a response to the marine litter problem: introduction to a World Bank Trust Fund

09:45 – 10:30 **Plastics and Science**

09:45 – 10:30 **Martin Wagner (University Frankfurt)**
Ecotoxicological effects of microplastics in freshwater environments

10:30 – 11:00 **Coffee break**

11:00 – 12:30 **Plastics and Science**

11:00 – 11:45 **Daniel Gonzalez (European Commission)**
Riverine Litter monitoring and the project RIMMEL

11:45 – 12:30 **Sarantuyaa Zandaryaa (UNESCO Paris),**
Michiel Abbing (Plastic Soup Foundation)
UNESCO Case study: Microplastics in freshwater environments – An issue of emerging concern

12:30 – 13:30 **Lunch break**

13:30 – 16:00 **Practical work: sampling, preparation of samples, laboratory work**

16:00 – 16:30 **Coffee break**

16:30 – 18:00 **Practical work: preparation of samples, laboratory work**

19 July 2017 **Wednesday**

09:00 – 10:00 **Georg Caspary, Anjali Acharya (World Bank)**
Intensification of the Regional Marine Litter Management Program in South-East Asia

10:00 – 11:00 **Workshop World Café**
Topics: Plastics and Science, Plastics and Society, Plastics and Policy, Plastics in the World of 2050

11:00 – 11:30 **Coffee break**

11:30 – 13:00 **Workshop World Café (continued)**

13:00 – 14:00 **Lunch break**

14:00 – 16:00 **Workshop World Café (continued)**

16:00 – 16:30 **Coffee break**

16:30 – 18:00 **Evaluation of World Café (moderators and organizers)**

at 19:00 **Dinner, Venue: Weindorf, Koblenz**

20 July 2017 **Thursday**

08:00 – 18:00 **Field trip to Rhinewater control station, Worms and visit of a winery, Wine tasting in the Middle Rhine Valley, UNESCO World Heritage Site**

21 July 2017 **Friday**

09:00 – 11:00 **Presentation of results**

11:00 – 11:30 **Coffee break**

11:30 – 13:00 **Final discussion and closing**

13:00 – 14:00 **Lunch break**