



EUROPEAN ASSOCIATION OF
PERINATAL MEDICINE

EAPM ONLINE COURSES



Wednesday, 17th September 2025



13:00 CET

ENVIRONMENTAL INFLUENCE ON PERINATAL HEALTH AND PLACENTAL-ASSOCIATED COMPLICATIONS

Coordinator: **Prof. Ekkehard Schleußner** (*Germany*)

Organization: **SIG Climate Change**, *Environmental Pollution and Perinatal Health*

Basic/Intermediate level

Course objectives:

- ▶ Understand Climate change impact on perinatal health
- ▶ Learn about pathological effects of heat stress and environmental pollution on placenta development
- ▶ Learn about placenta-associated pregnancy complications caused by heat stress

**3 Months of On-Demand
Lecture Recordings Included!**

Registration fee: 65 € (plus 22% VAT)

* Payment method available: credit card only

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COURSE PROGRAMME

- 9:00** Opening and Introduction Markert / Schleussner
- 09:10** The Climate Crisis and Health
Schleussner C-F. (Wien)
- 09:45** Effects of Global Warming on perinatal health
Chersich M (Johannesburg)
- 10:20** Placental development and function under heat stress
Arck P (Hamburg)
- 10:55** **Coffee Break**
- 11:15** Maternal Exposure to Ambient Air Pollution and Risk of Preeclampsia
Hansson St (Lund)
- 12:00** Exposure of microplastics on placenta function and perinatal health
Borbely AU (Maceió)
- 12:35** Environmental sustainability in perinatology
Schleussner E (Jena)
- 13:10** Closure remarks



Target Audience:

- ▶ Obstetricians
- ▶ Placentologists
- ▶ Neonatologists
- ▶ Epidemiologists

Course Faculty:

Arck, Petra

Experimental Feto-Maternal Medicine, University Hospital Hamburg-Eppendorf, Germany

Borbely, Alexandre Urban

Institute of Health and Biological Sciences, Federal University of Alagoas Maceió, Brasilia

Chersich, Matthew

Global Heat Attribution Project (GHAP), Climate and Health Directorate, Wits RHI, Faculty of Health Sciences, University of the Witwatersrand, Johannesburg, South Africa

Hansson, Stefan

Division of Obstetrics and Gynecology Department of Clinical Sciences, Lund University, Sweden

Markert, Udo

Placenta Lap, University Hospital Jena, Germany

Schleussner, Carl-Friedrich

International Institute for Applied Systems Analysis (IIASA) Integrated Climate Impacts Research Group, Laxenburg, Austria

Schleussner, Ekkehard

Department of Obstetrics, University Hospital Jena, Germany