



<b>Course Title:</b>	Reproductive Management in ex situ conservation breeding
<b>Tutors:</b>	Dr. Sue Walker, Chester Zoo Yedra Feltrer Rambaud DVM, MSc(WAH), DipECZM(ZHM), MRCVS Dr. Imke Lüders, GEOLifes Dr. Ashley Franklin, AZA Reproductive Management Center, St. Louis Zoo Dr. Veronica Cowl, Chester Zoo and EAZA
<b>Aimed at:</b>	Curators, EEP/ESB coordinators, anyone with an interest in reproductive management
<b>Language taught in:</b>	English
<b>Taught hours:</b>	16 (2 days)
<b>Extra hours for study etc:</b>	None
<b>Cost:</b>	EAZA members: € 215 Non-members: € 270
<b>Minimum group size:</b>	14
<b>Dates:</b>	21-22 April 2020
<b>Delivery Method:</b>	Face-to Face
<b>Location(s):</b>	Chester Zoo, Chester, United Kingdom
<b>Links to other courses:</b>	Covers some of the competences in topic 2.3 (Reproduction) of the European Professional Zookeeper Qualification Framework.

### **Course Aim(s):**

This course aims to explain the utility of reproductive management within breeding programmes. The course will identify practical methods of assessing individual fertility and evaluating the success of reproductive decisions. We will describe advanced methods of enhancing reproduction e.g. fertility induction and will present resources available to support breeding programmes with this. Our sessions are designed to be applicable across taxa.

### **Learning Outcomes:**

By the end of this course you will:

- Understand what reproductive management is and how it can be effectively integrated into your breeding programme/collection
- Understand what support is available for breeding programmes in terms of reproductive management
- Understand how to holistically evaluate the impacts of breeding recommendations (breeding/non-breeding, transfers)
- Have a basic understanding on limiting reproduction in captive populations (contraception/separation)
- Have a basic understanding on how to enhance individual fertility

- Have a basic understanding on how to evaluate individual fertility (fertility assessments)

**Content:**

- What is reproductive management?
- Identifying barriers to reproduction including an introduction to Reproductive Viability Analysis
- Fertility assessments
- An introduction to limiting reproduction
- An introduction to enhancing reproduction including Artificial Reproductive Technologies (ART)
- Holistically evaluating impacts of reproductive decisions (welfare, behavioural, social, physiological, reproductive & overall health)
- Integrating reproductive management with population management

**Assessment:**

There are no formal assessments. We will design activities that test practical knowledge on how reproductive management can be applied to their breeding programmes/collection.

**Additional information:**

The course will run for two days. No time is required for study, although a background in breeding management is useful. All resources will be provided. Participants may bring a laptop if they wish although it is not essential.

**Registration:**

You can register online here: <https://www.aanmelder.nl/114075>. Registration is on a first come, first served basis.