

Prof. Javier Reyes Trujeque

Professor Researcher at Corrosion Research Center from Autonomous University of Campeche (Mexico). He is a specialist on studying the effects of the environment on cultural properties, application of non destructive diagnostic techniques for building heritage and materials characterization techniques of archaeological and historic materials.

Title: **Degradation of Stony Materials in Tropical Environments**

Summary:

Stony materials are very susceptible to be affected by environmental parameters, changing their original properties and producing severe damage, endangering numerous prehispanic and colonial monuments in the Yucatán Peninsula, México. In this course several aspects involved in those degradation processes will be discussed, planning for conservation strategies and considering monitoring activities in order to identify environmental indicators of degradation.

Topics:

- The environmental context of the Yucatan Peninsula
- Prehispanic and colonial heritage: materials and structures
- Degradation in tropical climate
- Conservation strategies
- Case studies

Duration and date:

14.04.2025 (9-13) Aula F1.4

15.04.2025 (14-18) Aula F1.4

16.04.2025 (9-13) Aula F1.5