COURSE:

Facilitating Decision-making Through Analysis of Temperature and Relative Humidity Data

Have you ever looked at a **temperature and relative humidity measurements** and wondered **what they can tell you and why they are important for your collection**?

The Getty Conservation Institute and the Royal Institute for Cultural Heritage (KIK-IRPA) in collaboration with its partners* are organizing a **3-day workshop** that will help you better understand data analysis.

After this course:

- You will be able to interpret different visuals and translate this to improved collection care
- You will learn how to use different existing tools and manipulate them to generate your own interesting graphs.
- You will know how you can use this data for different collection purposes, though an overview of different case studies.

We recognize that temperature and relative humidity might not be the biggest risk for our collections, however, they do have an very **significant impact on museum management and budget.**
This course will help you easily identify problems and choose the most adequate numerical and visuals result to answer your questions.
We aim at all **different types of cultural heritage institutions**; from churches to purpose built museums and we look **at different uses for your data**; from formulating loan requirements to building requirements.

This workshop combines **courses** and **case studies** with **readings** and **exercises** to give you a broad spectrum of the different types of information that temperature and relative humidity analysis can give you.

This project has been organized by:

The Getty Conservation Institute

Royal Institute for Cultural Heritage

* with the support of all partners for the 'Resilient Storage' project. A project that focusses on energy optimization for small to mid-size museums:

Timeline:

(might be subject to minor changes)

Facilitating Decision-making Through Analysis of Temperature and Relative Humidity Data

DAG 1: 27 Juni

FeliXart Museum, Kuikenstraat 6, 1620 Drogenbos

9:30 – 10:00:	Welcome, coffee and presentation
10:00 – 12:30:	**Session 1: Course Introduction, Fundamentals of Data analysis and Visualization** (Instructor: Vincent Laudato Beltran) *This session is an introduction to statistic fundamentals and data analysis. It will explain numerical and visual results that can be calculated from your dataset and how they relate to collection preservation.* *Additionally, it will introduce a suite of excel tools that will help you obtain those results.*
12:30 – 13:30	Lunch break
13:30 – 14:30	**Visit case-study 1: FeliXart museum** - A purpose built museum (Rik Rommens)
14:30 – 16:00	**Session 1: Exercise** + coffee

DAG 2: 28 Juni

CBBD, Rue des Sables 20, 1000 Brussel

9:30 – 10:00:	Coffee
10:00 – 12:00:	**Session 2A: Survey of Online Tools to Analyze T and RH Data** (Instructor: Annelies Cosaert) *This session is an overview of current tools, the visual and numerical data that they provide and how you can use the data for different types of analysis (risk, performance, loans, building requirements etc.)*
12:00 – 13:00:	Lunch break
13:00 – 14:00:	**Visit case-study 3: The Comic Book Museum – A repurposed historical building.** (Mélanie Andrieu)
14:00 – 15:00:	**Session 2B: How to use tools Online Tools to Analyze T and RH Data** (Instructor: Annelies Cosaert)
15:00 – 15:45:	**Presentation case-study 2: Photomuseum Charleroi – A photographic archive, cold and cool storage** (Charlotte Doyen and Adeline Rossion)
15:45 – 17:00:	**Session 2C: Exercise + coffee**

DAG 3: 4 Juli

KIK-IRPA, Jubelpark 1, 1000 Brussel

9:30 – 10:00:	Coffee
10:00 – 10:45:	**Presentation case-study 4: Monumentenwacht – a church** (Instuctor: Caroline Meert)
10:45 – 11:30:	**Presentation case-study 5: Monumentenwacht & KIK-IRPA – an object during transport** (Instuctor: Annelies Cosaert)
12:00 – 13:00:	Lunch Break
13:30 – 14:30:	**Session 3: Building performance and collection preservation** (Instructor: Geert Bauwens) *During this session we will zoom in on built infrastructure of heritage institutions and how they are invaluable to keep collections safe. We will dive deeper into risks that occur when climate conditions differ strongly outside and in and how this can be mitigated by building envelopes and system design.*
14:30- 15:30:	**Session 3B: Exercise**
15:30 – 16:00:	Closing speech + reception