

## **CRIAS 3rd workshop: State of the Art of Historical Climatology in International Perspective**

March 19 – 20, 2021

Online by Zoom

### **Workshop Programme**

#### **Scope of the workshop**

The workshop “State of the Art of Historical Climatology in International Perspective” is organized by The Past Global Changes (PAGES) Climate Reconstruction and Impacts from Archives of Societies (CRIAS) working group.

The 3rd PAGES-CRIAS workshop will focus on advancing methods and international cooperation in the reconstruction of past climates using written sources, focusing on global comparisons of methods and results in historical climatology. Participants from different regions in the world will share their latest findings and achievements by using social archives to reconstruct past climate change.

#### **The workshop will be supported by**



**Friday, March 19, 2021**

**7:00pm-9:15pm (Hong Kong)/ 11:00am-1:15pm (UTC)**

**Zoom link:**

<https://eduhk.zoom.us/j/99544251496?pwd=YjZ0dHlPeVp4dUc2b2t0L2VJVFc2Zz09>

**Meeting ID: 995 4425 1496**

**Meeting Passcode: 991213**

| <b><i>Section 1: Scholars from China</i></b> |   |
|--|---|
| <b>Time</b>                                  | <b>Speakers</b>   |
| 7:00pm-7:30pm (HK)<br>11:00am-11:30am (UTC)  | Opening remarks   |
| 7:30pm-8:00pm (HK)<br>11:30am-12:00pm (UTC)  | Keynote by Professor Jingyun Zheng<br>Chinese Academy of Sciences<br><b>Title:</b> Temperature and Dry-Wet index series reconstructed from historical documents in monsoon China for the past 2000 years                          |
| 8:00pm-8:15pm (HK)<br>12:00pm-12:15pm (UTC)  | Professor Zhixin Hao<br>Chinese Academy of Sciences<br><b>Title:</b> Severe droughts of 1876-1878 in North China and possible causes  |
| 8:15pm-8:30pm (HK)<br>12:15pm-12:30pm (UTC)  | Professor Xiuqi Fang<br>Beijing Normal University<br><b>Title:</b> From climate anomaly to adaptation: Historical sources of climate change in the integrated natural disaster information system of the Qing Dynasty             |
| 8:30pm-8:45pm (HK)<br>12:30pm-12:45pm (UTC)  | Professor Jie Fei<br>Fudan University<br><b>Title:</b> Water level change of Lake Machang in Eastern China during the past 200 years.   |
| 8:45pm-9:00pm (HK)<br>12:45pm-1:00pm (UTC)   | Dr. Yachen Liu<br>Xi'an University<br><b>Title:</b> The potential and challenges of phenological records from Chinese poems for climate reconstruction<br>——Take poems of the Tang and Song Dynasties (618-1279 AD) as an example |
| 9:00pm-9:15pm (HK)<br>1:00pm-1:15pm (UTC)    | Questions and Discussions   |

**Saturday, March 20, 2021**

**3:00pm-5:30pm (Hong Kong)/ 7:00am-9:30pm (UTC)**

**Zoom link:**

<https://eduhk.zoom.us/j/92124646838?pwd=U0dZS29rb3k0YXJwMHFvVTNrUVVoUT09>

**Meeting ID: 921 2464 6838**

**Meeting Passcode: 193319**

| <b><i>Section 2: Scholars from Asia (excluding China)</i></b> |  |
|---|--|
| <b>Time</b>   | <b>Speakers</b>  |
| 3:00pm-3:30pm (HK)<br>7:00am-7:30am (UTC)                     | Keynote by Professor Takehiko Mikami<br>Tokyo Metropolitan University<br><b>Title:</b> Recent progress in the Historical Climatology of Japan  |
| 3:30pm-3:45pm (HK)<br>7:30am-7:45am (UTC)                     | Dr. Junpei Hirano<br>Teikyo University<br><b>Title:</b> Comparison of winter daily weather patterns in Japan reconstructed from old diaries and 20th century reanalysis data during the 19th century |
| 3:45pm-4:00pm (HK)<br>7:45am-8:00am (UTC)                     | Dr. Naoko Hasegawa<br>Ochanomizu University<br><b>Title:</b> Re-examination of original documents of freezing and Omiwatari dates for Lake Suwa  |
| 4:00pm-4:15pm (HK)<br>8:00am-8:15am (UTC)                     | Dr. Fiona Williamson<br>Singapore Management University<br><b>Title:</b> Exploring ENSO from archives of societies: looking at the strong El Niño of 1877-8 in Singapore and Malaysia                |
| 4:15pm-4:30pm (HK)<br>8:15am-8:30am (UTC)                     | Questions and Discussions  |
| <b><i>Section 3: Scholars from Europe</i></b>                 |  |
| 4:30pm-4:45pm (HK)<br>8:30am-8:45am (UTC)                     | Dr. Michael Kahle<br>University Freiburg<br><b>Title:</b> Towards a unified description of paleoclimate data and historical documents  |
| 4:45pm-5:00pm (HK)<br>8:45am-9:00am (UTC)                     | Professor Paul Erdkamp<br>Vrije Universiteit Brussel<br><b>Title:</b> Counting famines and droughts: A proxy for climate change or political unrest?   |
| 5:00pm-5:15pm (HK)<br>9:00am-9:15am (UTC)                     | Dr. Nicolas Maughan<br>Aix-Marseille University<br><b>Title:</b> Potential of documentary data to study past fires related to weather effects  |
| 5:15pm-5:30pm (HK)<br>9:15am-9:30am (UTC)                     | Questions and Discussions  |

**Saturday, March 20, 2021**

**7:00pm-9:30pm (Hong Kong)/ 11:00am-1:30pm (UTC)**

**Zoom link:**

<https://eduhk.zoom.us/j/95827430735?pwd=aGlla3hRb0dmbnpac1g5bjZVam9Kdz09>

**Meeting ID: 958 2743 0735**

**Meeting Passcode: 649966**

| <b><i>Section 4: Scholars from Europe and Argentina</i></b>   |  |
|---|--|
| <b>Time</b>   | <b>Speakers</b>  |
| 7:00pm-7:30pm (HK)<br>11:00am-11:30am (UTC)   | Keynote by Professor Christian Rohr<br>University of Bern<br><b>Title:</b> The auxiliary science of historical chronology and its role for climatologists  |
| 7:30pm-7:45pm (HK)<br>11:30am-11:45am (UTC)   | Dr. Alice Harvey-Fishenden<br>University of Liverpool<br><b>Title:</b> Evaluating the utility of qualitative personal diaries in precipitation reconstruction in the eighteenth and nineteenth centuries |
| 7:45pm-8:00pm (HK)<br>11:45am-12:00pm (UTC)   | Dr. Rowan Jackson<br>University of Edinburgh<br><b>Title:</b> Climate variability and interpersonal violence in Iceland and Scotland: a deep time, diachronic analysis                                   |
| 8:00pm-8:15pm (HK)<br>12:00pm-12:15pm (UTC)   | Dr. Andrés Antico<br>National University of the Littoral<br><b>Title:</b> Recent advances of historical climatology in the Paraná River basin, South America   |
| 8:15pm-8:30pm (HK)<br>12:15pm-12:30pm (UTC)   | Questions and Discussions  |
| <b><i>Section 5: Free discussions and speeches (within 3 minutes)</i></b>   |  |
| 8:30pm-9:15pm (HK) / 12:30pm-1:15pm (UTC)   |  |
| Covered topics:<br>1. How to use new early instrumental series for calibration of historical climatology reconstructions<br>2. Suggestion to the plan of next CRIAS workshop. |  |
| 9:15pm-9:30pm (HK)<br>1:15pm-1:30pm (UTC)   | Concluding remarks and invitation to next workshop by<br>Dr. Sam White   |