



DAAD-Kyoto University Partnership Programme towards SDGs 2019-2020

(AIDA Program)

Learning Experience from Germany in Water Resources Management

**Host Institution: Hydrology, Water Management and Water Protection (LWI),
Technische Universität Braunschweig (TUB), Germany**

2020-07-08

Sophal Try (D3)

Regional Water Environment Systems Research Laboratory

Disaster Prevention Research Institute

Kyoto University

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Schedule of Mobility

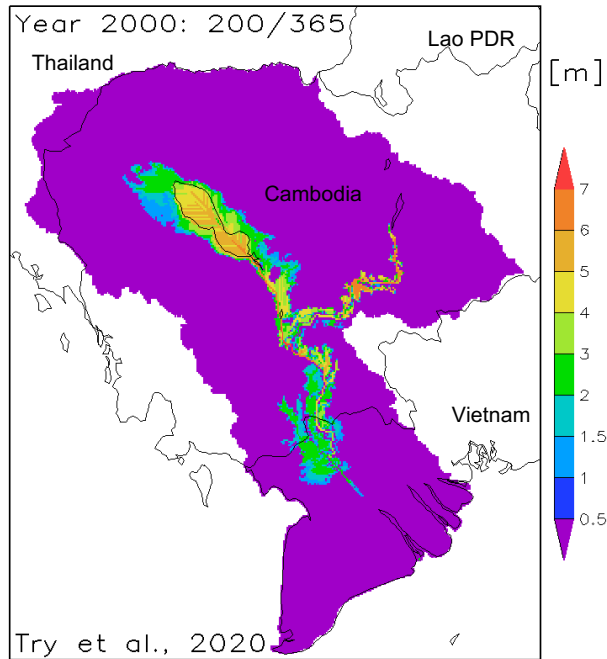
Mobility period: 2019年 9月25日～10月5日

| Date | Place | Activities |
|-------------------------|--|---|
| – 2019/09/25 | | Kansai to Berlin |
| 2019/09/26 – 2019/09/29 | Berlin | Participate in 2 nd World Congress on Climate Change (WCCC) 2019 |
| 2019/09/30 | | Move: Berlin – Braunschweig |
| 2019/10/01 – 2019/10/04 | Technical University of Braunschweig (TUB) | |
| 2019/10/05 – | | Move: Braunschweig – Berlin – Kansai |

Theme of Research

Research: Changes in flood inundation in the Mekong River under climate change effects

Annual flood in the Lower Mekong

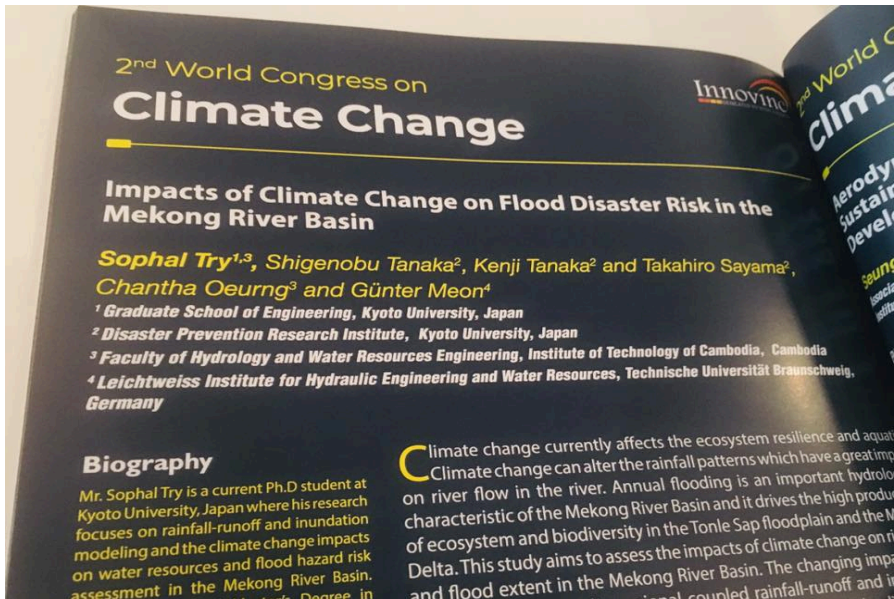
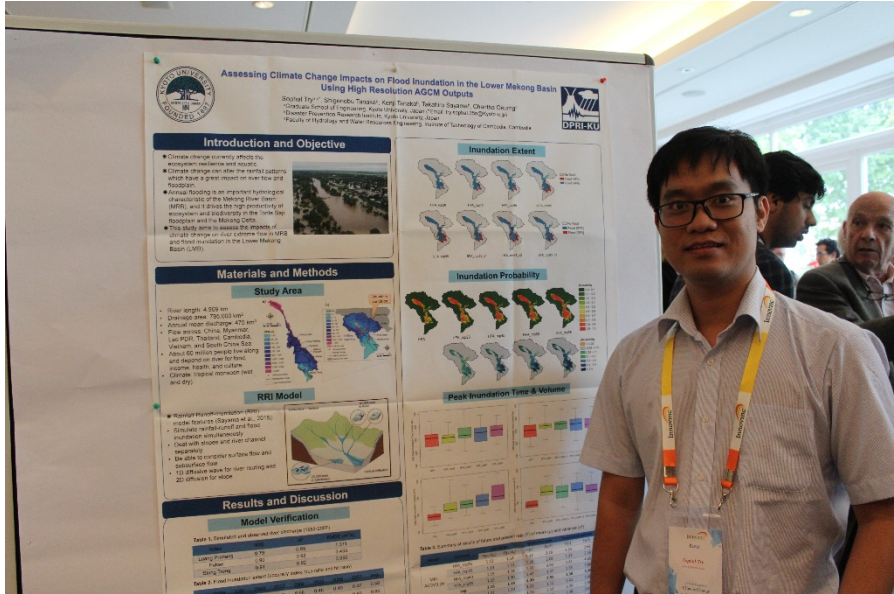


Flood in Japan



| | Mekong | Japan |
|------------------------------------|-----------------------|-------------|
| Flood type | Seasonal/annual flood | Flash flood |
| Topographic | Flat area | Stiff slope |
| Flood duration | Long | Short |
| Similar characteristics in Germany | | |

WCCC-2019



Activity at LWI, TUB



Visit Local River Management Office



Technische Universität Braunschweig

KLIMASTATION LWT

Lat: 52° 17' 0,87" N Lon: 10° 32' 47,87" E Höhe: 70 m ü. NN

Geräte am Mast:

- Windrichtung Π
- Windgeschwindigkeit (m/s)
- Pyranometer
- Netto-Radiometer
- Strahlungskäbel (W/m²)
- Thermometer
- Hygrometer
- Luftfeuchtigkeit (%)
- Barometer (Tm Höhe)
- Luftdruck (hPa)
- OTT Pluvio² Niederschlags-Waage
- OTT Parsvel Laser-Niederschlags-Sensor
- Niederschlagsmesshöhe (mm/d)
- Niederschlagsart-messhöhe (zweiter Aufbruch (dt = 1 Minute))

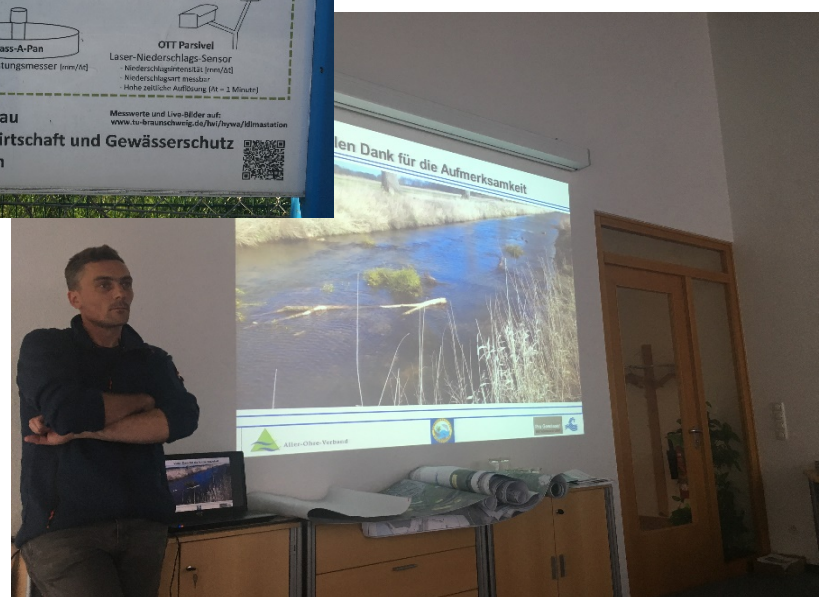
Kippwaage-Regenmesser - Niederschlagsintensität (mm/d)

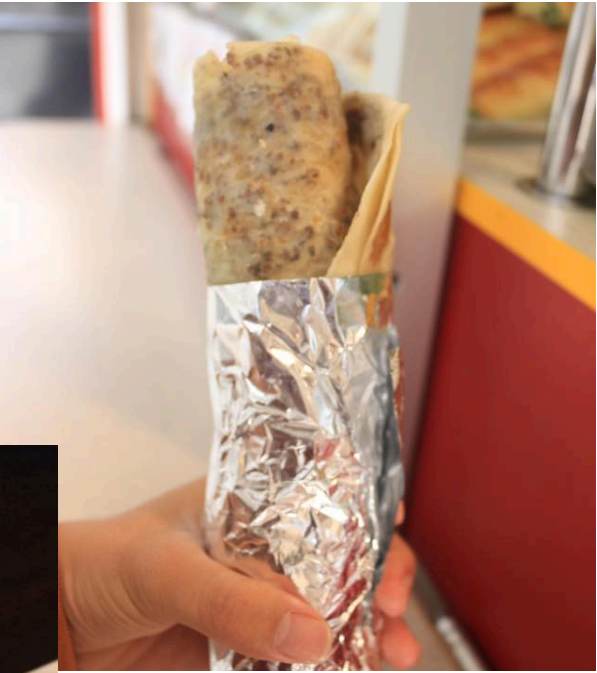
Ultraschall-Verdunstungsmesser (mm/d)

Class-A-Pan

Leichtweiß-Institut für Wasserbau
Abteilung Hydrologie, Wasserwirtschaft und Gewässerschutz
Univ.-Prof. Dr.-Ing. Günter Meon

Messwerte und Live-Bilder auf:
www.tu-braunschweig.de/fwi/hywa/klimastation





ありがとうございます。
Thank You

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