**WORKSHOP**

***November 13th, 14th and 15th 2018***

**SCHEDULE**

**November 13th**

 Tuesday morning **(09h30-12h00)** Suggested chairman: Ngo Duc Thanh and Cedric Jamet

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| **SPEAKER** | **PRESENTATION TITLE** | **THEME** |
| Dinh Ngoc Dat | WiPE algorithm  | **SAT** |
| Filipe AIRES | Satellite remote sensing of wetlands |
| Hoang Son Tong Phuoc | Novel algorithms for detection Noctiluca scintilliance blooms from Landsat-8/Operational Land Imager (LC8/OLI) imagery |
| ***Break from 10h30 to 11h*** |  |
| Jean-luc Maeght | Interaction vegetation and soil stability | **SOIL** |
| Christian Valentin | Long term of monitoring since 2002 of a small catchment of the Red River Basin |
| Pham Dinh Rinh | Microtox assessment of soils and sediments of Red river system, Vietnam, first introduction on research project |

**LUNCH 12h-14h at USTH**

Tuesday afternoon **(14h-17h00)** Suggested chairman: Emilie Strady and Bui Van Hoi?

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| **SPEAKER** | **PRESENTATION TITLE** | **THEME** |
| Emilie Strady | Macroplastic and microplastic dynamics in a tropical river-estuarine system | **WATER QUALITY** |
| Trinh Anh Duc | Use of stable isotopes in aquatic biogeochemical studies in Vietnam |
| Tran Thi Thu Trang | Environmental water in Haiphong Sea port |
| ***Break from 15h to 15h30*** |
| Bui Van Hoi | Inventory of glyphosate and its metabolite residues in surface water samples at Red river (Vietnam) confluences  |
| Thi Ha Dang | Impact of anthropogenic and climatic change in a large asian river |
| Hoang Cong Tin | Spatial-temporal changes of mangrove ecosystems in the Cu Lao Cham-Hoi An Biosphere Reserve, Vietnam |

**November 14th**

Wednesday morning **(09h10-12h00)** Suggested chairman: Marine Herrmann and Doanh Nguyen-Ngoc

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| **SPEAKER** | **PRESENTATION TITLE** | **THEME** |
| Nam Nguyen-Van | Using computer vision/modeling to investigate water quality in BHH irrigation system | **WATER QUALITY** |
| Chien Pham-Van | Modeling of Water Flow In Bac Hung Hai Irrigation System | **HYDRO** |
| Doanh Nguyen-Ngoc | Activities/projects in WARM team opening for collaboration |
| Ngo Duc Thanh | From a single to multi-model climate experiments for Southeast Asia |
| ***Break from 10h30 to 11h*** |
| Nicolas Gratiot | Sediment supply from river to the coast and impacts on mangrove coast dynamics : case study from the Mekong system (VISIO) |
| Marine Herrmann | Interannual variability of the South Vietnam Upwelling : contributions of wind, eddies, chaotic variability and ENSO | **OCEANO** |
| Nadia Ayoub | Together with Nguyen Duy Tung, title to be defined |

**LUNCH 12h-14h at USTH**

Wednesday afternoon **(14h-17h00)** Suggested chairman : Nadia Ayoub and Vu Duy Vinh?

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| **SPEAKER** | **PRESENTATION TITLE** | **THEME** |
| Sylvain Ouillon | Characteristics and dynamics of the Estuarine Turbidity Maximum in the Cam-Nam Trieu estuary (with Vu Duy Vinh) | **OCEANO** |
| Trinh Bich Ngoc | Functioning and variability of the pelagic planktonic ecosystem in the South China Sea: Answers from a coupled physical and biogeochemical model study |
| Bui Hong Long  | Some results of investigation and research of Institute of Oceanography on the sea of southern part of Vietnam for the period from 2014 to 2018. |
| ***Break from 15h to 15h30*** |
| Manh Cuong Tran | Remote sensing of currents in Tonkin Gulf |
| Nguyen Minh Hai | Simulating the impact of SLR on sediment transport and morphological change in Van Uc estuary area |
| Vu Duy Vinh | Sediment transport in the Red River coastal area |
| Kipp Shearman | Seasonal Variability of Freshwater and Coastal Flows in the Gulf of Tonkin and along the Central Vietnamese Coast |

**WEDNESDAY EVENING: Dinner in the Center of Hanoi (Place and time will be given later)**

**November 15th**

***Field-trip: visit of the irrigation center of Hai Duong Province***

*8.00: Pick up at USTH (exact location will be provided later)*

9.30 to 12

* Presentation of the system at the center control and time for questions and discussions,
* Visit of the center control with real time observation and/or control,
* Visit of a real gate.

*12.00-13.30 :Lunch*

13.30-16:30

* Visit of a place where people develop sensor to measure water levels/quality of the systems,
* Visit of places with significant water quality/pollutions,
* Visit of connecting points between canals in irrigation with agriculture field.

*16.30: Departure to Hanoi*

*17.30-18.00: Expected arrival at USTH*

**VENUE**

**Venue:** USTH, số 18 Hoàng Quốc Việt, Nghĩa Đô, Cầu Giấy, Hà Nội

Building A21,

Fifth floor, Room 502