

Presented by Master of Building Innovation & Technology (MBIT), Faculty of Architecture Kasetsart University
& Cradle Consulting (Thailand) Co., Ltd.

scSTREAM Basic Workshop (Building & Architecture)

scSTREAM Three-Day Course

Feb 3 - 5, 2020

9:00 - 12:00 & 13:30 - 16:30

Location: Faculty of Architecture Kasetsart University
50 Ngamwongwan Road,
Ladyao Jatujak, Bangkok 10900

Objective: The main objectives of this course are to familiarize attendees with the basic operation of scSTREAM and to equip them to handle typical thermal/CFD problems encountered during the building and architectural design processes. This course will focus on functions useful for indoor HVAC simulation and external flow/aerodynamics around buildings. The attendees will acquire basic knowledge about:

- Basic operation of scSTREAM
- Checking the validity of the simulation
- Advanced functions of scSTREAM
- Finding information and/or acquiring necessary help

Course Outline:

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| 1. Introduction to CFD | 7. Humidity (Dew Condensation and Evaporation) |
| 2. Basic Operation of scSTREAM | 8. Importing CAD data |
| 3. Architectural Parts | 9. Power-Law Velocity |
| 4. Radiation and Solar Radiation | 10. Forest Canopy Model |
| 5. Diffusion | 11. Multiblock |
| 6. Ventilation Efficiency | 12. Mapping |

Pricing: 9,000 THB per person
This price includes : Lunch and Training Materials

Instructor: Pattaranan Takkanon, Ph.D., TREES-A

Register here : <https://www.cradle.co.th/index.php/seminar>