Dr. STÉPHANE GOYETTE

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Personal Data

Date of Birth	August 8, 1963
Place of Birth	Sainte-Rose, City of Laval, Province of Quebec
Nationality	Canadian & French; owner of a "C" Swiss permit
Marital Status	Divorced, 2 children
Languages	French and English: read, spoken and written. German (learning phase)

Experience – Involvement

Research	Numerical climate modelling with GCM, RCM and EBM: prognostic and diagnostic studies. Regional climate sensitivity studies and development of physical parameterisations. Involvements in Swiss national NCCR – Climate, in former EU-PRUDENCE, in EU- ENSEMBLES projects, and in EU/FP7 ACQWA and enviroGRIDS, Measuring and analysing atmospheric conditions in vegetable greenhouses (project TASTE)
Teaching	Atmospheric sciences in general and climate modelling in particular (*cf.* personal web page).
Workplaces	University of Montreal, University of Quebec in Montreal, Canadian Centre for Climate modelling and analysis (Toronto/Victoria), Météo France (CNRM, Toulouse), University of Fribourg (Switzerland), University of Geneva since 2006.
Comp. skill	UNIX, FORTRAN, IDL, GRADS, Microsoft products, *etc.*
Habilitation	April 2008 : Habilitation in climate research (Fribourg, Switzerland).
Ph. D.	November 1995 : Development of a simple regional climate model (Montreal, Canada).

Interests and research / teaching activities

- Development of physical parameterisations to improve numerical climate simulations for current and future climate conditions. Analysis of cyclone trajectories to study the impacts of storms (in Western Europe and in Switzerland). Analyses of the evolution of snow pack depth and duration in the Swiss Alps and in the Pyrenees. Coupling of numerical lake model with atmospheric model. Development of a novel approach to evaluate the velocity of climate change. Scientific contributions to EU and Swiss projects.

- Development of climate models interfaces for students to help learning the basic concepts in climatology (on-line and Apps for cell phones/tablets). Lectures related to atmospheric and climate sciences.

- Monitoring atmospheric conditions in commercial greenhouses.

- International scientific collaborations for numerical climate applications (*e.g.*, Sweden: impacts of storms on forest; Belgium: parameterization of wind gust; Spain: simulations of snow pack in the Pyrenees, Canada: lake parameterization, *etc*).

- Co-investigator in the project funded by the Swiss National Science Foundation "Quantifying human impact and recent climate change using clastic sediments from lacustrine records in Western Switzerland" (SNSF).

- Co-convener of the session "Climate extremes and impacts" during the EGU General assembly 2001 - 2018.

- Currently supervising the work of a number of Ph. D. and M. Sc. students.

List of publications: *cf.* my personal Web page.