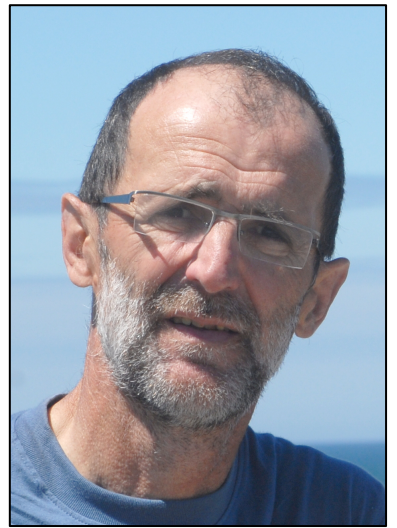


A Tribute to Joël Noilhan

21-22 March 2019
CIC – Météopole
Toulouse



A Simple Parameterization of Land Surface Processes for Meteorological Models
J. NOILHAN AND S. PLANTON
Centre National de Recherches Météorologiques, Toulouse, France
(Manuscript received 19 April 1988, in final form 1 September 1988)

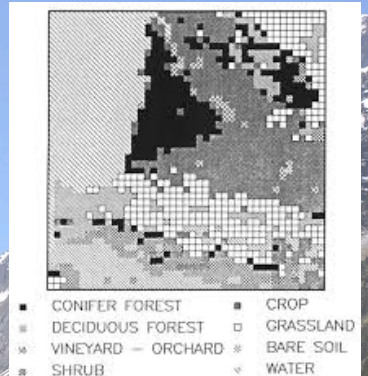
March 1989
Monthly Weather Review
30th anniversary

$$\frac{\partial w_g}{\partial t} = \frac{C_1}{\rho_w d_1} (P_g - E_g) - \frac{C_2}{\tau} (w_g - w_{sat}), \quad 0 \leq w_g \leq w_{sat}$$

$$\frac{\partial w_2}{\partial t} = \frac{1}{\rho_w d_2} (P_g - E_g - E_v), \quad 0 < w_2 \leq w_{sat}$$

$$\frac{\partial T_s}{\partial t} = C_T G - \frac{2\pi}{\tau} (T_s - T_2)$$

$$\frac{\partial T_2}{\partial t} = \frac{1}{\tau} (T_s - T_2).$$



Key invited speakers:
Jean-Claude André
Gianpaolo Balsamo
Stéphane Bélair
Anton Beljaars
Pierre Bessemoulin
Philippe Bougeault
Jean-Louis Champeaux
Florence Habets
Claire Sarrazat

