

## **On down-slope windstorms – an atmospheric boundary-layer perspective**

Hrvoje Kozmar and Branko Grisogono

*Hrvoje.Kozmar@fsb.hr*

A chapter from a newly coming textbook: “Handbook of Non-Synoptic Wind Storm Hazards”, edited by Kareem and Hangan, and published by Oxford University Press will be presented. The chapter deals with certain meteorological and engineering aspects of severe down-slope windstorms such as Bora, Foehn, Chinook, Santa Ana and more. Effects of those vigorous winds on constructions will be addressed as well as the corresponding meteorological backgrounds.

*Key words:* Bora, mountain wave, turbulence