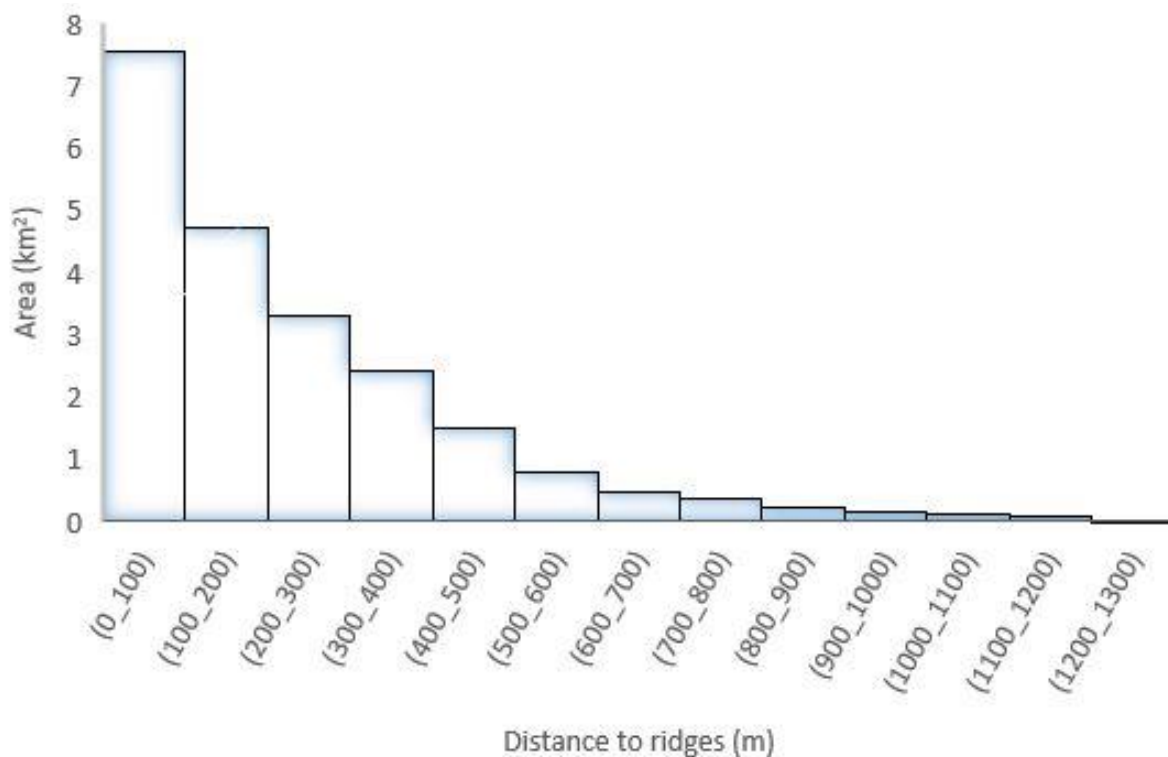**Supplementary material for: Development and validation using ground truth of a method to identify potential release areas of snow avalanches based on watershed delineation**
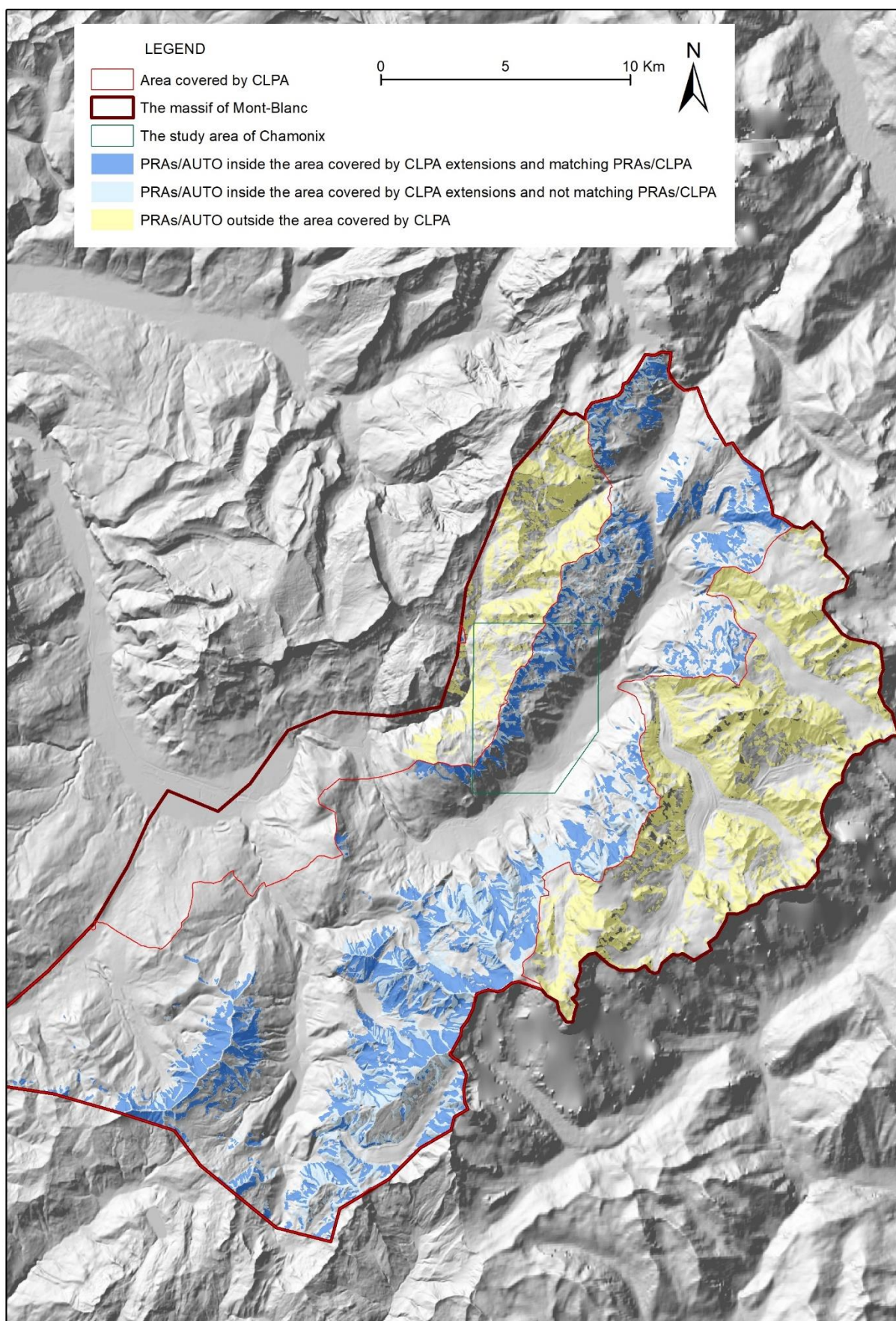
Cécile Duvillier[1], Nicolas Eckert[1], Guillaume Evin[1], Michael Deschâtres[1]

[1]Univ. Grenoble Alpes, INRAE, UR ETNA, Grenoble, France
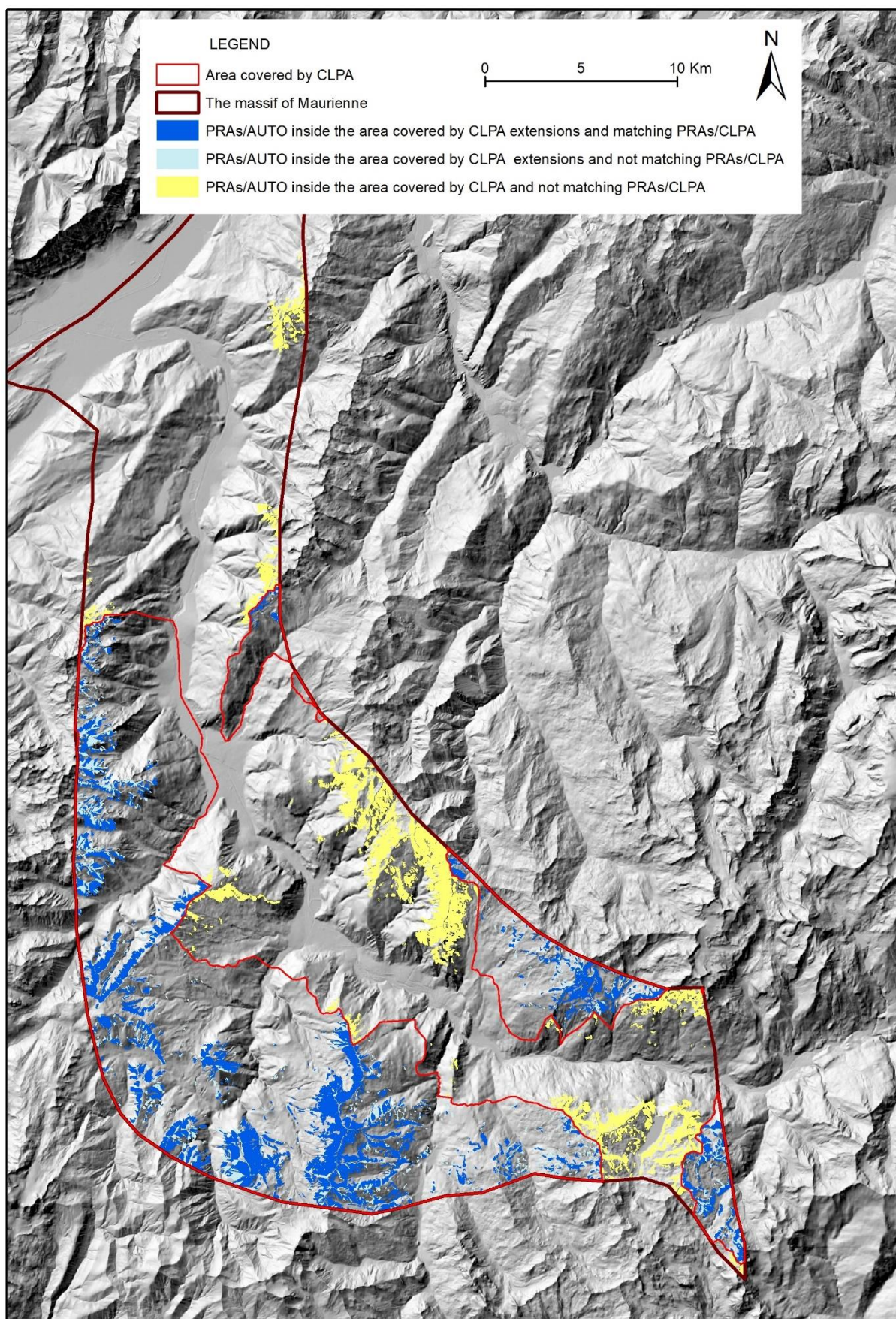**Correspondence: Nicolas Eckert (nicolas.eckert@inrae.fr)**

Supplementary Figure S1: Histogram of the distance to the closest ridge for the pixels of the test area close to the town of Chamonix Mont Blanc.

Supplementary Figure S2: Result of the proposed PRA detection method (Fig. 5) for the entire Mont Blanc massif. Digital Elevation Model ©IGN.

Supplementary Figure S3: Result of the proposed PRA detection method (Fig. 5) for the entire Maurienne massif. Digital Elevation Model ©IGN.