PREDISPOSING BACKGROUND

Monique Fort (Darlu’s wife) was born on April 6, 1947 in Troyes (200 km East of Paris, France). As a member of a large family, she has four brothers and one sister, in which the «work ethic» had always been shared with an acute sense of organisation, M. Fort was not predestined to «Geography». She was rather caught between her passion for philosophy and her childhood dreams marked by the talents of her grandfather, who was a cabinetmaker. What choice did she make? Would she engage in the footsteps of her father, attracted by the model of «big companies», or would she open her own, more personal way? A regular reading of her favourite book, an atlas, probably helped her decide...

TRIGGERING FACTORS

From the start Monique has been a passionate of mountaineering and climbing, from the Pyrenees to the Alps, in Fontainebleau as well. Finally, the contact with «rocks» and «altitude» led her to start studying Physical Geography. M. Fort is «Agrégée de Géographie» (1970, fig. 1), and holds two theses on the Himalayas, one in Quaternary geology [Ph.D. in 1977, supervisor Georges Lucas, University Pierre & Marie Curie (Paris 6)], the other in geography («Doctorat d’État» in 1993), under the supervision of Olivier Dollfus [University of Paris-Diderot (Paris 7)], who was one of her mentors. Three other colleagues from the Department of Geography of the University of Paris 7 were very important for her and played a major scientific role: Yvette Dewolf, Fernand Joly and François Durand-Dastès. In this Department, field-mapping techniques were particularly developed, and during many trainings and fieldwork sessions, she learnt how to transcribe field ob-
observations into simple patterns, and then into maps. When O. Dollfus offered the Himalayan topic to her in 1973, M. Fort had to give up her research on the mapping of karst landforms in Quercy (a former French province located in the southwestern part of the country), and the master studies initiated with Y. Dewolf. This choice however corresponds to the crucial moment when M. Fort began a scientific adventure in Nepal that still remained a very remote area, and where field investigations required tough work and significant perseverance. At that time, she also committed to international research on mountainous environments: since the 1970s she had been in touch with Nepalese, Indian, German, French, British and American colleagues to fruitfully discuss the geomorphology of the Himalayas.

AN INTERNATIONAL ISSUE

Monique Fort has been a professor of geography at the University of Paris-Diderot (Paris 7) since 1994, and a member of the PRODIG Laboratory (UMR 8586 CNRS «Pôle de Recherche pour l’Organisation et la Diffusion de l’Information Géographique») since 1997. She widely developed the «mountain» theme everywhere throughout the world, but especially in both Himalaya (fig. 2) and Pamir mountains (Nepal, India, Pakistan, Tajikistan, Tibet). Her expertise also concerns the French Alps and the Southern Hills of France. M. Fort has also worked in Indonesia, Brazil, Mexico, and Turkey. Her research topics are the setting of mountain reliefs, palaeoenvironments re-construction, current morphodynamic processes in mountain environments, and flood hazards and risks. In all study areas, she has developed her accurate sense of observation on the field, a sense of observation that can also be exhibited through her numerous and beautiful photograph.s. Her precise observations and analyses were always transcribed into patterns and sketches, until she succeeded in raising synthetic models of the geomorphic functioning of the study areas. She has authored almost 150 scientific papers, several essays and she is the author or co-author of 50 books (see Section «Some reference papers» below) in a list which keeps growing.

Unlike some academic career profiles built on the «Bottom-Up» model whereby one makes one’s career at the University and then tries to give it some international dimension a few years before retirement, M. Fort’s has been international from the outset, and she has passed her experience down according to the «Top-Down» model at the scale of France, University of Paris 7 and PRODIG Laboratory. Her mastery of the English language helped her a lot (between 1983 and 1984, she was a visiting professor in the Department of Earth Sciences, Dartmouth College, Hanover, USA). Her administrative and scientific responsibilities were numerous – it is impossible to mention them all, just the most significant ones – and allowed her to manage different research and academic networks. On the international level, she was the vice-president of the International Association of Geomorphologists (IAG), a member of the IGU (International Geographical Union) Commission «Diversity in Mountain Systems», a member of the IGU Commission «Mountain Geocology and Resource Management», and a member of the PIGC 415 «Quaternary Glaciation in Central Asia and its Influence on the Hydrographical Network».

In France, she was a member of the National Committee for the National Centre for Scientific Research (CoCNRS, Geography section) and for the Universities (CNU; Geography section), a member, then the vice-president and finally the president of the French Group of Geomorphology (GFG), which she is still today, a member of the Scientific Committee of the French Alpine Club, a member of the French INQUA section, and a member and the secretary of the French Commission «Periglacial features» of the French Committee of Geography. At the University of Paris 7, M. Fort was a member of the University Scientific Council, the head of the Dymiris («Dynamique des Milieux et Risques») Research Team of the PRODIG Laboratory. In whatever position she held, she tried to promote geomorphology, the significant role of physical geography in the current world issues, and always worked to help colleagues to progress in their research. Additionally, while many scientists neglected teaching activities, M. Fort was significantly involved in teaching of physical geography, integrating the most recent scientific advances in her enthusiastic courses. She was the head of the Master EDMR («Espace, Dynamique des Milieux et Risques»), from which many Ph.D. students and lecturers began sound research on geomorphology and physical geography. During all these years at the University of Paris 7, M. Fort has continued to expand the «Dewolf/Joly» legacy (i.e., courses, lab, field internships) to her fellow lecturers in physical geography and to her students (fig. 3), especially by interacting with recent improvements of geomatics and hydraulics to provide more accurate quantification from field observations.

Fig. 2 - Monique Fort, Gilles Arnaud-Fassetta, and Étienne Cossart during the Nepal Mission 2007-2008. Initiating young university fellows and passing down knowledge about the environment dynamics in the Himalayas.
This career, as brilliant as it is, would not have had much flavour to her if she had not been surrounded by a strong emotional environment built on three major actors, her husband, Pierre, and their two children, Juliette (26 years old) and Clément (23 years old).

THE «TRIBUTE»

A «Tribute» issue is for each participant a rather personal tribute to a valued teacher and researcher. It is therefore difficult to classify the various contributions according to «academic» plans. The framework of this tribute devoted to Prof. Monique Fort could equally well be «thematic» (processes, methods and tools, risk management), «geographic» (mountains / foothills / plateaus / plains / coastal, or upstream / downstream part of catchments), «temporal» (ancient / recent), «multi-scalar» (regional / local)… We have therefore chosen to list the seventeen contributions simply in alphabetical order.

We warmly thank our Italian colleagues, editors of the international journal Geografia Fisica e Dinamica Quaternaria (Paolo Roberto Federici, Editor in Chief, Adriano Ribolini, Assistant, Mauro Soldati, member of Editorial Board), without whom this issue would not have been possible. Twenty-two reviewers were willing to assess and improve articles to achieve the greatest scientific and formal quality: Gilles Arnaud-Fassetta (University of Paris 7, France), Laurent Astrade (University of Savoie, France), Achim A. Beylich (Geological Survey of Norway, Trondheim, Norway), Tony Brown (University of Southampton, UK), Dov Corenblit (University of Clermont-Ferrand 2, France), Etienne Cossart (University of Paris 1, France), Armelle Decauhle (University of Clermont-Ferrand 2, France), Philip Deline (University of Savoie, France), Christopher Esposito (University of New Orleans, USA), Alessandro Fontana (University of Padua, Italy), Jean-François Gleyze (Ecole des Ponts et Chaussées, Paris, France), Francisco Gutiérrez (University of Zaragoza, Spain), Yannick Lageat (University of Bretagne Occidentale, France), Christophe Lambiel (University of Lausanne, Switzerland), Charles Le Cœur (University of Paris 1, France), Denis Mercier (University of Nantes, France), Olivia Neschi (University of Urbino «Carlo Bo», Italy), Cliff Ollier (University of Western Australia), Jean-Pierre Poulvast (University of Paris 4, France), Erwan Roussel (University of Clermont-Ferrand 2, France), and Daniel-Jean Stanley (Smithsonian Institution of Washington, USA). Five papers were reviewed by Carol Robins (University of Nantes, France) for English editing. Additionally, the Introduction was reviewed and edited by Pierre Darlu (Cnrs-MnHN Laboratory, Paris, France) and Ian Evans (University of Durham, UK).

Finally, we also warmly thank all the forty-five (co-)authors who have written the seventeen papers of this tribute issue: Marie-Francoise André (University of Clermont-Ferrand 2, France), Gilles Arnaud-Fassetta (University of Paris 7, France), Pierre Barrère (University of Bordeaux 3, France), Gérard Beltrando (University of Paris 7, France), Frédéric Berger (Irstea-Emgr Laboratory, Saint-Martin-d’Hères, France), François Bétard (University of Paris 7, France), Xavier Bodin (Cnrs-Edytém Laboratory, Le-Bourget-du-Lac, France), Olivier Cantat (University of Caen, France), Paola Coratza (University of Modena & Reggio Emilia, Italy), Christophe Corona (Cnrs-Geolab Laboratory, Clermont-Ferrand, France), Etienne Cossart (University of Paris 1, France), Stéphane Costa (University of Caen, France), Robert Davidson (University of Caen, France), Daniel Delahaye (University of Caen, France), Philip Deline (University of Savoie, Le-Bourget-du-Lac, France), Johnny Douvinet (University of Avignon, France), Jorge Pedro Galve (University of Modena & Reggio Emilia, Italy), Christopher Gomez (University of Canterbury, New Zealand), Joachim Götz (University of Salzburg, Austria), Rocio Hernández (National Institute of Water, Mendoza, Argentina), Kenneth Hewitt (University of Waterloo, Canada), Catherine Kuzucuoğlu (CNRS-LGP Laboratory, Meudon, France), Richard Laganier (University of Paris 7, France), Yannick Lageat (University of Bretagne Occidentale, France), Emilie Lavié (University of Paris 7, France), Pauline Letortu (University of Caen, France), Jérôme

FIG. 3 - Monique Fort during the 2012 internship field (undergraduate level) of the University of Paris-Diderot in the French Southern Alps (Col des Douaniers, Chenaillet Massif). The passion for field research passed down to students.
Lopez-Saez (University of Grenoble, France), Malika Madelin (University of Paris 7, France), Rosa Medina de Dias (University of Cuyo, Mendoza, Argentina), Susana Miralles (University of Cuyo, Mendoza, Argentina), José Antonio Morábito (Engineer, National Institute of Water, Mendoza, Argentina), Jan-Christoph Otto (University of Salzburg, Austria), Jean-Pierre Peulvast (University of Paris 4, France), Ludovic Ravelan (Cnrs-Edytem Laboratory, Le-Bourget-du-Lac, France), Emmanuel Reynard (University of Lausanne, Switzerland), Erwan Roussel (Cnrs-Geolab Laboratory, Clermont-Ferrand, France), Georges Rovéra (University of Grenoble, France), Santa Esmeralda Salatino (National Institute of Water, Mendoza, Argentina), Lothar Schrott (University of Salzburg, Austria), Dominique Schwartz (University of Strasbourg, France), Mauro Soldati (University of Modena & Reggio Emilia, Italy), Markus Stoffel (University of Berne, Switzerland), Chiara Tonelli (University of Modena & Reggio Emilia, Italy), Stephen Ward (University of Canterbury, New Zealand), and Patrick Wassmer (University of Strasbourg, France).

We are indebted to them for playing the game of the «flash» publication, in a very short time, and yet keeping the scientific quality of the methods and results presented.

All colleagues know that their work has been greatly appreciated. The goal was to pay tribute to Monique Fort between her retirement (31 August 2012) and the 8th IAG International Conference on Geomorphology (27-31 August 2013) and we got there! However, we know that «retirement» is a word that misfits M. Fort’s behaviour, as she will still be involved in many scientific programs (Samco Anr for instance), participation of field courses, and co-organisation of the IAG Conference in Paris.

May our colleague Monique (fig. 4) satisfy all her passions symbolised in the «Mountain / Family / Research» triptych for a long time.

SOME REFERENCE PAPERS


