

## Sabrina Coste (University of French Guiana), Local Co-coordinator

Sabrina Coste is Assistant professor at the University of French Guyana (UdG). She holds a PhD in tropical forest plant ecophysiology and she is currently working at the EcoFoG research Unit in Kourou. She is in charge of courses and lectures in biology of organisms, ecology and tree ecophysiology from bachelor to master degrees. Her research focuses on the functional traits diversity of tropical tree species through comparative ecophysiological approaches.

<b>1</b>	<b>Family name</b>	COSTE		
<b>2</b>	<b>First name</b>	Sabrina		
<b>3</b>	<b>Date of birth</b>	02 September 1978		
<b>4</b>	<b>Nationality</b>	French		
<b>5</b>	<b>E-mail</b>	<a href="mailto:sabrina.coste@ecofog.gf">sabrina.coste@ecofog.gf</a>		
<b>6</b>	<b>Education / Professional studies</b>			
	Dates (from-to)	Institution	Degree/diploma	
	2003-2008	AgroParisTech, Nancy	PhD (Tropical forest, Ecophysiology)	
	2001-2002	Nancy I University	MSc (Forest Biology)	
<b>7</b>	<b>Language skills</b> Grade skill 1-5 (1 = basic, 5 = excellent, * = mother tongue)			
	Language	Speaking	Reading	Writing
	English	3	5	4
	French*	5	5	5
<b>8</b>	<b>Membership of professional bodies</b>			
<b>9</b>	<b>Other Skills</b>			
	Computer skills, research skills, managerial capabilities			
<b>10</b>	<b>Name of organisation currently working for and Present position in the organisation</b>	Name of Organisation: University of French Guyana (UGF) Present position in the organisation: Assistant Professor		
<b>11</b>	<b>Years with the organisation</b>	started in 2017		
<b>12</b>	<b>Long-term experience in specific countries/territories</b>			
	Country	Date	Details	
	<b>French Guiana</b>	2013-present	Research on tree functional traits	
	<b>Republic of the Congo</b>	2009-2011	Post-Doctoral Researcher (University of Aberdeen; Cirad-CRDPI Pointe noire)	
	<b>French Guiana</b>	2002-2007	MSc, PhD (EcoFoG research unit)	
<b>13</b>	<b>Professional experience record</b>			
	Location	Date	Organisation	
	<b>French Guyana</b>	2013-present	University of French Guyana (UGF)	
	Position	Assistant Professor		
	Responsibilities	Scientific research, Education, Projects		
<b>14</b>	<b>Publications (10 principal)</b>			
	<ul style="list-style-type: none"> <li>• Biwolé A.B., K. Dainou, A. Fayolle, O.J. Hardy, Y. Brostaux, <b>S. Coste</b>, S. Delion, J.L. Betti, J.-L. Doucet. 2015. Light Response of Seedlings of a Central African Timber Tree Species, <i>Lophira alata</i> (Ochnaceae), and the Definition of Light Requirements. <i>Biotropica</i>. 47:681-688.</li> </ul>			

	<ul style="list-style-type: none"> <li>• <b>Coste S.</b>, J.-C. Roggy, H. Schimann, D. Epron and E. Dreyer. 2011. A cost-benefit analysis of acclimation to low irradiance in tropical rainforest trees seedlings: leaf-life span and payback time for leaf deployment. <i>Journal of Experimental Botany</i>. 62:3941-3955.</li> <li>• <b>Coste S.</b>, J.-C. Roggy, G. Sonnier and E. Dreyer. 2010. Similar irradiance-elicited plasticity of leaf traits in saplings of 12 tropical rainforest tree species with highly different leaf mass to area ratio. <i>Functional Plant Biology</i> 37:342-355.</li> <li>• <b>Coste S.</b>, C. Baraloto, C. Leroy, E. Marcon, A. Renaud, A. Richardson, H. Schimann, J.-C. Roggy, J. Uddling and B. Hérault. 2010. Assessing foliar chlorophyll contents with the SPAD-502 chlorophyll meter: a calibration test with thirteen tree species of tropical rainforest in French Guiana. <i>Annals of Forest Science</i> 64. 607.</li> <li>• <b>Coste S.</b>, J.-C. Roggy, L. Garraud, P. Heuret, E. Nicolini and E. Dreyer. 2009. Does ontogeny modulate irradiance-elicited plasticity of leaf traits in saplings of rain-forest tree species? A test with <i>Dicorynia guianensis</i> and <i>Tachigali melinonii</i> (Fabaceae, Caesalpinioideae). <i>Annals of Forest Science</i> 66. 709.</li> <li>• Bonal D., C. Born, C. Brechet, <b>S. Coste</b>, E. Marcon, J.-C. Roggy and J.-M. Guehl. 2007. The successional status of tropical rainforest tree species is associated with differences in leaf carbon isotope discrimination and functional traits. <i>Annals of Forest Science</i> 64: 169–176.</li> <li>• <b>Coste S.</b>, J.-C. Roggy, P. Imbert, C. Born, D. Bonal and E. Dreyer. 2005. Leaf photosynthetic traits of 14 tropical rain forest species in relation to leaf nitrogen concentration and shade tolerance. <i>Tree Physiology</i> 25(9): 1127-1137.</li> <li>• Cochard H., <b>S. Coste</b>, B. Chanson, J.M. Guehl and E. Nicolini. 2005. Hydraulic architecture correlates with bud organogenesis and primary shoot growth in beech (<i>Fagus sylvatica</i>). <i>Tree Physiology</i> 25(12): 1545-1552.</li> </ul>		
<b>15</b>	<b>Number of conference presentations (between brackets invited contributions)</b>		
	9		
<b>16</b>	<b>Awards (most recent)</b>		
	Award	Award date	Issuing organisation