

CURRICULUM VITAE

Surname	LABOUISSSE
Name	Jean-Pierre
Date of birth	21/01/1958
Nationality	French
Current professional address	CIRAD UMR AGAP TA A-108/03 34398 -Montpellier Cedex 5 France Email : jean-pierre.labouisse@cirad.fr Tel: +33 4 67 61 75 78 Fax: + 33 4 67 61 57 93 http://agents.cirad.fr/index.php/Jean-Pierre+Labouisse
Present position	Member of research staff of CIRAD (French Agricultural Research Centre for International Development) since 1983 (http://www.cirad.fr/en/index.php) Member of the joint research unit: AGAP (Adaptation and Genetic Improvement of Tropical and Mediterranean plants), http://umr-agap.cirad.fr/en Seconded to Agropolis Fondation (http://www.agropolis-fondation.fr) as coordinator of the ARCAD programme (Agropolis Resource Center for Crop Conservation, Adaptation, and Diversity (http://www.arcad-project.org))
Areas of expertise	Coconut and coffee specialist. Plant breeding and genetic resources management Coconut specialist, expert in coconut genetic resources management, breeding and seed production. Eleven years' experience in South Pacific (Vanuatu and 9 others Pacific Islands) in research, research management and training. Good knowledge of agricultural sector and farming systems in the Pacific Islands.
Other expertise	Coffee specialist, mainly in genetic resources management, breeding and agronomy of <i>Coffea canephora</i> and <i>C. arabica</i> . Twelve years' experience in research, research-development and training activities with NARS and extension projects in Africa. Other crops: cocoa, breadfruit
Countries worked in (long stay underlined)	South Pacific (<u>Vanuatu</u> , Fiji, Kiribati, Tuvalu, Papua New Guinea, Samoa, Tonga, Solomon Islands, Marshall Islands, New Caledonia), West Africa (<u>Côte d'Ivoire</u> , <u>Guinea</u> , Togo, Cameroon), <u>Ethiopia</u> , Zambia, West Indies (Guadeloupe and Martinique), and French Guiana.

Education

1995
Advanced Diploma in Plant Breeding.
ENSA - Université des Sciences Rennes, France

1983 - Management and Business Administration Certificate
Université des Sciences Economiques /IAE –Toulouse

1982 - Advanced Agronomy Diploma (Major DAA)
Ecole Nationale Supérieure d'Horticulture / Versailles / France

1982 - Agronomy Diploma (MSc equivalent)
Ecole Nationale Supérieure d'Agronomie / Toulouse / France

1979 - BSc in Natural Sciences, specialization : Biochemistry and Genetics
Université Paul Sabatier / Toulouse / France

Languages

French (mother tongue)
English (fluent)
Bislama - Vanuatu pidgin (fluent)

Professional experience

2007-2011: CIRAD, Montpellier, France. 'Biological Systems' Department.

Senior researcher

Main research topics: coffee and coconut breeding and genetic resources conservation.
Seconded to Agropolis Fondation as coordinator of the ARCAD programme: coordination, administration and communication.

2004-2006: Ethiopian Institute of Agricultural Research, Jimma, Ethiopia. Coffee Improvement Project Phase IV (EDF)

Technical adviser for coffee genetic resources management and breeding

Management of coffee field genebanks. Creation of a computer database for *Coffea arabica* germplasm conserved *ex-situ* at Jimma Agricultural Research Center. Collecting of coffee landraces in farmers' fields for the breeding programme on coffee berry disease resistance.

1994-2004: Vanuatu Agricultural Research and Technical Centre, Santo, Vanuatu

Head of coconut division

Coordination of the research activities in coconut breeding, agronomy and technology. Management of trials and field genebanks. Production of improved planting material. Technical adviser to the Department of Agriculture of Vanuatu.

Country correspondent of COGENT Network

Coordinator of four COGENT projects in Vanuatu and in 4 other Pacific countries (Cook Islands, Kiribati, Marshall Islands and Tuvalu) for coconut germplasm collecting, characterization and conservation (ADB CGRNAP 1 & 2, IFAD projects). Expertise (COGENT consultancy on coconut collecting strategy) and training on genetic resources collecting and management. Member of COGENT steering committee for Pacific countries (1996)

Assessment of breadfruit genetic resources in Vanuatu during PAPGREN project (2003-2004) Collecting germplasm and ethnobotanical indicators of diversity of breadfruit in Vanuatu

Country correspondent of CIRAD (2001-2004)

1996-1999: Vanuatu Agricultural Research and Technical Centre, Santo, Vanuatu

Coordinator of a regional project for the production and dissemination of improved coconut cultivars in the Pacific (PRAP). European Union funding

Advisory and training activities in the fields of coconut genetic resources, breeding and production of hybrids for 8 South Pacific ACP countries. Creation of coconut hybrids and monitoring of 60 ha of comparative trials in Vanuatu.

1990-1993: Institut de Recherche Agronomique de Guinée, Sérédou, Guinea

Technical adviser for coffee research. French Ministry of Cooperation

Setting up the coffee research division of IRAG. Implementation of a coffee breeding programme. In co-operation with several development projects, setting up and management of a network of trials. Collection of *C. canephora* germplasm in Guinea and creation of field genebanks.

1985-1989: Institut de Recherches du Café et du Cacao, Man, Côte d'Ivoire

Technical adviser to SATMACI for coffee and cocoa, World Bank Project

Management of the training programs for extension staff specializing themselves in coffee and cocoa cultivation under an extension project financed by the World Bank. Setting-up and monitoring a network of smallholders trials for coffee and cocoa.

1983-1984: Institut de Recherches sur le Café et le Cacao, Divo, Côte d'Ivoire

National service volunteer

Administrative and financial management of a research center. In charge of the production and dissemination of improved planting material (*Coffea canephora*).

**Publications
(selection)**

Peer-reviewed journals

Labouisse, J.-P., Adolphe, C., 2012. *Conservation et gestion des ressources génétiques du caféier Arabica (Coffea arabica L.) : un défi pour l’Ethiopie*. Cah Agric 21:98-105. <http://dx.doi.org/10.1684/agr.2012.0554>

Labouisse, J.-P., Sileye, T., Bonnot, F., Baudouin, L., 2010. *Achievements in breeding coconut hybrids for tolerance to coconut foliar decay disease in Vanuatu, South Pacific*. Euphytica. 177(1):1-13. <http://dx.doi.org/10.1007/s10681-010-0220-1>

Labouisse, JP., Sileye, T., Hamelin C., Bonneau, X., Rouzière, A. 2009. *Preliminary results on the production of heart of coconut in Vanuatu. Effect of the planting density on the yield*. Cord International Journal on Coconut R & D 25 (1):25-33

Labouisse, J.P., Bellachew, B., Kotecha, S., Bertrand, B., 2008. *Current status of coffee (Coffea arabica L.) genetic resources in Ethiopia. Implications for conservation*. Genetic Resources and Crop Evolution 55 (7):1079-1093. <http://dx.doi.org/10.1007/s10722-008-9361-7>

Roupsard, O., Hamel, O., Henry, M., Rouzière, A., Sileye T., Labouisse, J.-P. 2008. *Coconut carbon sequestration. Part 2: Strategies for the carbon market and simulating potential incomes for coconut CDM projects*. Cord, International Journal on Coconut R & D 24(1):15-34.

- Labouisse, J.-P., Sileye, T., Hamelin, C. 2007. *New observations on the resistance of coconut cultivars to tropical cyclones in Vanuatu*. Cord, International Journal on Coconut R & D 23(2): 28-38
- Roupsard, O., Bonnefond, J.-M., Irvine, M., Berbigier, P., Nouvellon, Y., Dauzat, J., Taga, S., Hamel, O., Jourdan, C., Saint-Andre, L., Mialet-Serra, I., Labouisse, J.-P., Epron, D., Joffre, R., Braconnier, S., Rouziere, A., Navarro, M., Bouillet, J.-P., 2006. *Partitioning energy and evapo-transpiration above and below a tropical palm canopy*. Agricultural and Forest Meteorology 139: 252–268.
<http://dx.doi.org/10.1016/j.agrformet.2006.07.006>
- Labouisse, J.-P., Sileye, T., Morin, J.-P., Hamelin, C., Baudouin, L., Bourdeix, R., Rouzière A. 2005. *Coconut (Cocos nucifera L.) genetic improvement in Vanuatu: overview of research achievements from 1962 to 2002. Part 2: Improvement of the Vanuatu Tall by hybridization*. Oléagineux, Corps Gras, Lipides 12 (2) :170-179.
<http://hal.archives-ouvertes.fr/hal-00138783>
- Mialet-Serra, I., Clément, A., Sounderegger, N., Roupsard, O., Jourdan, C., Labouisse, J.-P., Dingkuhn M., 2005. *Assimilate storage in vegetative organs of coconut (Cocos nucifera)*. Experimental Agriculture 41(2): 161-174.
<http://dx.doi.org/10.1017/S0014479704002467>
- Labouisse, J.-P., 2004. *Systèmes agraires et économie du cocotier au Vanuatu : historique et perspectives*. Journal de la Société des Océanistes. Musée de l'Homme-CNRS, 118 : 11-33. <http://hal.archives-ouvertes.fr/hal-00151373>
- Labouisse, J.-P., Sileye, T., Morin, J.-P., Hamelin, C., Baudouin, L., Bourdeix, R., Rouzière A., 2004. *Coconut (Cocos nucifera L.) genetic improvement in Vanuatu: overview of research achievements from 1962 to 2002. Part 1: Improvement of the Vanuatu Tall by mass selection*. OCL - Oléagineux, Corps Gras, Lipides 11(4-5) : 354-361. <http://hal.archives-ouvertes.fr/hal-00138777>
- Labouisse, J.-P., Caillon, S., 2001. *An approach to in situ conservation through the study of an informal system of seed supply: the example of coconut in Vanuatu (South Pacific)*. OCL - Oléagineux, Corps Gras, Lipides 8(5): 534-539. <http://hal.archives-ouvertes.fr/hal-00139656>

Books

- Santos, G.A., Batugal, P.A., Othman, A., Baudouin, L., Labouisse, J.-P. (Eds), 1996. *Manual on standardized research techniques in coconut breeding*. Rome, Italy, IPGRI, 100 p.

Books chapters

- Labouisse, J.-P. and Lahva, J., 2005. *Status of coconut genetic resources research in Vanuatu*. In: Batugal, P., Ramanatha Rao, V., Oliver, J. (Eds.) Coconut Genetic Resources. International Plant Genetic Resources Institute – Regional Office for Asia, the Pacific and Oceania (IPGRI-APO), Serdang, Selangor DE, Malaysia. 750-761
- Hanold, D., Morin, J.-P., Labouisse, J.-P., Randles, J. W., 2003. *Foliar decay disease in Vanuatu*. In: Loebenstein, G. and Thottappilly, G. (Eds) Virus and Virus-like Diseases on Major Crops in Developing Countries. The Netherlands, Kluwer Academic Publishers, 583-596.
- Bourdeix, R., Baudouin, L., Billotte, N., Labouisse, J. P., Noiret, J.-M., 1997. *Le cocotier*. In : Charrier, A., Jacquot, M., Hamon, S., Nicolas, D. (Eds). L'amélioration des plantes tropicales. Montpellier, CIRAD, 217-239.

Conferences communications and posters

- Caillon S, Labouisse J.P., 2012. *Ethnobotanique du cocotier au Vanuatu : une histoire de plante, de lieu et de personne*. In : *Les fruits, nourritures ambiguës des corps et des pensées. Onzième séminaire annuel d'ethnobotanique du domaine européen.* Musée de Salagon. Forcalquier. 11-12 October 2012
- Labouisse J.P., Caillon S., 2012. *Changes and adaptation in landscapes: a historical perspective on coconut plantation in Vanuatu (South Pacific)*. International Meeting on Agrobiodiversity across landscapes in a changing world. *Domestication, adaptation and innovation*. Research Group Mosaïque (CEFE, CNRS, Bioversity International). Montpellier 19-20 May 2012.
- Labouisse J.P., Caillon S., 2012. *Migrations and tree farming practices shaped the diversity of tree crops in Oceania. The example of breadfruit in Vanuatu*. [Poster]. 13th Congress of the International Society of Ethnobiology. Montpellier, France. 21-25 May 2012.
- Pham, J.L., Ahmadi, N., David, J., Engelmann, F., Ghesquière, A., Glemin, S., Labouisse, J.P., Leclerc, C., Noyer, J.L., Prosper, J.M., Risterucci, A.M., Ronfort, J., Roumet, P., Ruiz, M., Santoni, S., Seguin, M., This, P., Thuillet, A.C., Vigouroux, Y. 2010. **Agropolis Resource Center for Crop Conservation, Adaptation and Diversity (ARCAD): A new open multi-function platform devoted to plant agrobiodiversity** (P3.69). [Poster Abstract]. In: *Genomics of plant genetic resources: Final program and abstracts*. Bologna, Italy: GPGR2, p. 151 (1 p.). International Symposium on Genomics of Plant Genetic Resources. 2, 2010/04/24-27, Bologna, Italy.
- Pham J.L., Labouisse J.P., 2009. *ARCAD- Agropolis Resource Center for Crop Conservation, Adaptation and Diversity: a new open multi-function platform devoted to agrobiodiversity. Objectives and challenges* [Abstract] In : Weitzman A. L. (Ed.). Proceedings of TDWG 2009 Annual Conference, Montpellier, France, 9-13 november 2009. URL: <http://www.tdwg.org/proceedings/article/view/544>
- Labouisse JP, Sileye T, 2009. *Deux variétés de cocotiers sélectionnées par la recherche pour augmenter la productivité des plantations du Vanuatu* [Poster]. Fête de la Science. Port-Vila, Vanuatu. 23-29 November 2009.
- Getu B., Bayetta, B., Habtamu Z., Labouisse, J.P., Davrieux, F., Bertrand B., 2009 *Stability of sensorial and biochemical traits of different geographical origin Ethiopian Arabica coffee (Coffea arabica L.) accessions under three contrasting environmental conditions* [Poster]. 22nd International Conference on Coffee Science (ASIC). Campinas, Brazil, 14-19 September 2008. [CD-Rom] 604-607
- Labouisse, J.P., Kotecha, S., 2008. *Preserving diversity for speciality coffees. Production systems and genetic resources of arabica coffee in Ethiopia*. 20th Annual Conference of Speciality Coffee American Association. Minneapolis (Minnesota) 2-5 May 2008.
- Navarro, M., Malres, S., Labouisse J.P., Rounsard, O., 2007. *Vanuatu Breadfruit Project: Survey on botanical diversity and traditional uses of Artocarpus altilis*. In: Ragone, D., Taylor, M.D., (Eds). First International Symposium on Breadfruit Research and Development. Nadi, Fiji, April 16-19, 2007. ISHS Acta Horticulturae No 757.
- Labouisse, J.P., Bellachew, B., Hamelin, C., Kotecha, S., Bertrand, B., 2007. *Collection and ex situ conservation of coffee landraces in Ethiopia. The example of Harerge* [Poster]. In: XXI International Conference on Coffee Science (ASIC). Montpellier, France, 11-15 September 2006. Montpellier, ASIC. [CD-ROM]. 926-930.
- Bellachew, B., Labouisse, J.-P., 2007. *Arabica coffee (Coffea arabica L.) local landrace*

development strategy in its center of origin and diversity. In: XXI International Conference on Coffee Science (ASIC). Montpellier, France, 11-15 September 2006. Montpellier, ASIC. [CD-ROM]. 818-826.

Mialet-Serra, I., Clement, A., Sonderegger, N., Roupsard, O., Flori, A., Jourdan, C., Labouisse, J.-P., Dingkuhn, M. 2006. *Assimilate storage in vegetative organs of coconut*. In: Coconut revival, new possibilities for the 'tree of life': Proceedings of the International coconut forum held in Cairns, Australia, 22-24 November 2005. Canberra. ACIAR, 99

Caillon, S., Lebrun, P., Berger, A., Baudouin, L., Labouisse, J.-P., Bonnot, F., Rouzière, A., Lescure, J.-P., 2006. *Mesures croisées de la diversité variétale. Cas des cocotiers du Vanuatu* [Poster]. In: Colloque du Bureau des Ressources Génétiques, La Rochelle, 2-4 octobre 2006. BRG, Paris

Labouisse, J.-P., Lamanda, N., Roupsard, O., Rouzière, A., 2004. *For a new coconut research and development strategy in Vanuatu* In: Strategies for enhancing productivity and income of coconut farmers. Proceedings of the XLI COCOTECH Meeting, 5-9 July 2004, Santo, Vanuatu. Rethinam, P. (Ed.), Asian and Pacific Community, Jakarta, Indonesia, 111-126.

Roupsard, O., Hamel, O., Rouzière, A., Lamanda, N., Labouisse, J.-P., 2004. *Preparing the application of coconut plantations to the Clean Development Mechanism of the Kyoto Protocol*. Proceedings of the XLI COCOTECH Meeting, 5-9 July 2004, Santo, Vanuatu. Rethinam, P. (Ed.), Asian and Pacific Community, Jakarta, Indonesia, 164-179.

Labouisse, J.-P., Charmentant P., 2001. *Réponse aux carences minérales de clones sélectionnés Coffea canephora Pierre*. [CD-ROM]. In: IXX International Conference on Coffee Science (ASIC), Trieste, Italia, 14-18 May 2001. Paris, ASIC

CD-Rom

Labouisse, J.-P., 2007. *Les systèmes de culture et les ressources génétiques du caféier Coffea arabica L.* [Cédérom], Cirad.

Reports (Selection)

Labouisse J.-P., 2009. *Inventaire et évaluation du dispositif de conservation des ressources génétiques végétales du Cirad. Rapport de restitution de la mission aux Antilles et Guyane (12-30 janvier 2009)*. Cirad, 50p. (+ annexes 86p.)

Labouisse, J.-P., Hemmings C., 2007. *Genetic work programme report 27-29th November 2007*. Rift Valley Coffee Research Ltd, Kasama, Zambia. 12 p.

Labouisse, J.-P., 2007. *Coffee improvement project IV Ethiopia Landrace development programme technical assistance. Activity reports September 2004 - December 2006*. Montpellier. CIRAD. 53-[100] p.

Labouisse, J.-P., Hamelin, C., 2006. *Ethiopian Coffee Genetic Resources Database. User's manual*. Ethiopian Institute of Agricultural Research. Jimma.

Labouisse, J.-P., 2006. *Summary of passport data of coffee germplasm maintained at JARC*. Ethiopian Institute of Agricultural Research. Jimma.

Labouisse, J.-P., Bertrand B., 2005. *Some views about the coffee landraces selection programme developed at JARC/EIAR in relation with the CIP IV research component*. Coffee Improvement Project IV, 15p.

Navarro, M., Labouisse, J.-P., Malres, S., Ragone, D., Roupsard, O., 2005. *PAPGREN - Vanuatu breadfruit project 2004-2005, Final report*. Vanuatu Agricultural Research and Technical Center, Santo, Vanuatu. 152 p.

- Ribier, V., Labouisse, J.-P., Vaitilingom, G., Rouzière, A., 2004. *Etude de faisabilité d'un projet de valorisation de l'huile de coprah à l'échelle villageoise. Le cas de la coopérative "LORY", Nord Santo, Vanuatu*. Montpellier, France, CIRAD: 147p.
- Labouisse, J.-P., Bourdeix, R., 2003. *ADB-CGRNAP Project. Coconut germplasm collecting, characterisation and conservation in Cook Islands, Kiribati, Marshall Islands and Tuvalu. Final report. March 2003*. Santo, Vanuatu, Vanuatu Agriculture Research and Training Center.
- Labouisse, J.-P., 2001. *Assistance technique au GDPL Elega pour le champ semencier de cocotiers de Lifou, Nouvelle-Calédonie du 25 au 29 juin 2001*. Montpellier, Centre de Coopération Internationale en Recherche Agronomique pour le Développement.
- Labouisse, J.-P., Sileye, T., 2001. *ADB-CGRNAP Project. Collecting, evaluation and characterisation of coconut genetic resources in Vanuatu. Final report*. Santo, Vanuatu, Vanuatu Agricultural Research and Training Centre
- Lahva, J., Labouisse, J.-P., 2000. *IFAD-COGENT Project Enhancing farmers income and germplasm conservation through coconut - based farming system and identification of varieties for multipurpose uses in Vanuatu. Final technical report*. Port Vila, Department of Agriculture and Rural Development.
- Bourdeix, R., Baudouin, L., Ollivier, J., Labouisse, J.-P., 1999. *COGENT consultancy report on coconut collecting strategy*. Montpellier, France, Centre de coopération Internationale en Recherche Agronomique pour le Développement (CIRAD).
- Labouisse, J.-P., 1999. *ADB-CGRNAP Project. Coconut germplasm collecting, characterisation and conservation in Cook Islands, Kiribati, Marshall Islands and Tuvalu. Progress report presented at ADB-IFAD-COGENT Meeting, Ho-Chi-Minh Ville, 13-18/09/1999*. Santo, Vanuatu, Vanuatu Agriculture Research and Training Center.
- Labouisse, J.-P., 1998. *Evaluation of the cultivars used by the farmers in Vanuatu for the quality of the nut for human consumption and processing presented at IFAD-COGENT Meeting, Kuala Lumpur, Malaysia, 02-04/11/1998*. Santo, Vanuatu, Vanuatu Agricultural Research and Training Centre.
- Labouisse, J.-P., 1998. *Expertise agronomique du champ semencier de cocotiers de Lifou, Nouvelle-Calédonie: Rapport de mission, 26 septembre-2 octobre 1997*. Montpellier, France, Centre de Coopération Internationale en Recherche Agronomique pour le Développement.
- Labouisse, J.-P., Buletare, G., 1997. *COGENT - CGRNAP Project. Evaluation of selected coconut cultivars planted in farmers' fields in Vanuatu, Final report*. Santo, Vanuatu, Vanuatu Agriculture Research and Training Center.

Training course given

- 2008 - Participation to the International Training Course "Agrobiodiversity: Man and Crops. Analysis tools and methods". Sibaghe doctoral school. University of Montpellier
- 1999 - Training in coconut seed garden and nursery management (New –Caledonia)
Centre Agronomique de Recherche et de Formation du Vanuatu / Santo / Vanuatu
- 1999 - Training course on standardized methods of coconut genetic resources collecting and management (COGENT- PRAP)
Centre Agronomique de Recherche et de Formation du Vanuatu / Santo / Vanuatu
- 1997 - Training in coconut hybrid seednut production (COGENT- PRAP)
Taveuni Coconut Center / Taveuni / Fiji

Tutoring

- 1996 - Stantech training course (COGENT-PRAP)
Centre Agronomique de Recherche et de Formation du Vanuatu / Santo / Vanuatu
- 2008 - Getu Bekele (Ethiopian Institute of Agricultural Research). MSc Alemaya University, Ethiopia. Study on the GxE interaction on the biochemical and sensorial characteristics of Ethiopian coffee cultivars.
- 2007 - Seyoum Seifu (Ethiopian Institute of Agricultural Research). 6-months study on the evaluation of genetic diversity of an Ethiopian coffee germplasm.
- 2002-2003 - Sophie Caillon: PhD thesis. « Pour une conservation dynamique de l'agrobiodiversité. Gestion locale de la diversité variétale d'un arbre "des Blancs" (cocotier, *Cocos nucifera* L.) et d'une plante "des ancêtres" (taro, *Colocasia esculenta* (L.) Schott) au Vanuatu ». 2005. Geography Department. University of Orleans, France.
- 2002-2003 - Nathalie Lamanda: PhD thesis. « Caractérisation et évaluation agroécologique de systèmes de culture agroforestiers : une démarche appliquée aux systèmes de culture à base cocotiers (*Cocos nucifera* L.) sur l'île de Malo, Vanuatu ». 2005. Institut National Agronomique Paris-Grignon, Paris.
- 1995 - Tevita Kete (Fiji): Master in Development. « La motivation des petits producteurs au Vanuatu pour la production du coprah, les plants améliorés et les nouvelles techniques de production à Santo et Mallicollo ». Centre National d'Etudes sur l'Agriculture des Régions Chaudes (CNEARC), Montpellier, France.