

# Resume

1. **Family name** RAKOTOMALALA
2. **First name** Fety Abel
3. **Date of birth** 6/24/83
4. **Nationality** Madagascar
5. **Civil status** Single
6. **Education**

<i>Years</i>	<i>Institution</i>	<i>Degree(s) or Diploma(s) obtained</i>
2015-2018 (ongoing)	University of Madagascar, Faculty of Sciences of Antananarivo, Physics department, IOGA	Phd (ongoing): "Mesure et suivi de la déforestation, de la dégradation et de la régénération forestière dans l'écorégion des forêts humides de Madagascar"
2010-2012	University of Madagascar, Faculty of Sciences of Antananarivo, Physics department, IOGA	DEA of Physics, Option : Geophysics, Specialization : Remote sensing and GIS

## 7. Language skills

<i>Language</i>	<i>Reading</i>	<i>Speaking</i>	<i>Writing</i>
French	1	1	1
English	1	1	1

## 8. Member of a professional organization

- Member of The National Remote Sensing Committee (CNT): a Spatial Images End-Users Network in Madagascar. It gathers about forty institutions including public administration, universities, private companies and NGOs.
- Technical member of MRV-REDD+ (Monitoring Reporting Verification) of Madagascar

9. **Current position** GIS and Remote Sensing Project Manager
10. **Years of experience** 6 years
12. **Professional experience**

<i>Dates</i>	<i>Location</i>	<i>Company</i>	<i>Position</i>	<i>Description</i>
Since 2011	Madagascar, Mozambique	NITIDÆ (ex-ETC TERRA)	GIS and Remote sensing Officer & Carbon accounting Researcher	<p><b>Project: The Holistic Conservation Programme for Forests (HCPF), the Integrated Water Resource Management (IWRM)</b></p> <p><b>Key features :</b> REDD+ Project, AFOLU (Agro - Forestry and Land Use), Natural resources management</p> <p><b>Study sites :</b> NAP Corridor Marojejy Anjanaharibe Tsaratanana, Beampingaratsy Forest massif in South-Est Madagascar, Itasy region, Haute Matsihatra region, PN Kirindy Mite (South-West Madagascar), AP Menabe Antimena (South-West Madagascar), Gilé (Mozambique).</p> <p><b>Main tasks :</b></p> <ul style="list-style-type: none"> <li>• Impact Assessment in terms of GHG emission reductions from deforestation and forest degradation;</li> <li>• Analysis, monitoring and modelling/projecting historic deforestation in our study sites from Landsat images;</li> <li>• Mapping of forests' above-ground biomass;</li> <li>• Development of scenario of carbon emissions baseline due to deforestation;</li> <li>• Implementation and elaboration of Planning and Management Schemes.</li> </ul> <p><b>Tasks performed :</b></p> <ul style="list-style-type: none"> <li>• Remote sensing/ GIS</li> <li>• Thematic scope development</li> <li>• Writing tutorials and scientific articles</li> <li>• Thematic studies from different optical sensors</li> <li>• Training sessions (GIS and Remote sensing)</li> <li>• Field missions</li> </ul>

## Other relevant information

### Other recent training

- 2017 : Analyse, recherche bibliographique et publication des articles scientifiques. Organisateur : CIRAD, Montpellier ; Formateurs : l'équipe Ressources en information scientifique et technique (IST - Cirad)
- 2013: Approche théorique de la télédétection RADAR et application de l'imagerie RADAR dans le suivi des dynamiques environnementales dans le Sud-Ouest de l'océan Indien. Apports dans l'étude de l'occupation du sol. Formation « imagerie RADAR et occupation du sol ». Organisateur: Station SEAS-OI, Saint-Pierre de La Réunion
- 2013: Élaboration de scénario de référence pour des projets REDD+ à Madagascar, en collaboration avec l'Office National pour l'Environnement (ONE), dans le cadre de l'assistance technique financée par l'AFD. Modélisation de la croissance démographique, modélisation de la déforestation, cartographie carbone. Utilisation du script PHCFm sous R, GRASS et QGIS. Formateurs : Ghislain Vielledent (CIRAD) et Clovis Grinand (Etc Terra)