

# CURRICULUM VITAE

## MICHAEL KIGL

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### PERSONAL DATA

Nationality: Papua New Guinea  
Born: 17 October 1970  
Gender: Male  
Birth place: Kundiawa District, Simbu Province  
Marital Status: Married  
Health: No Disabilities; Height: 166cm; Weight: 65kg

### EDUCATION

| School / Institution   | Years     | Field of Study   | Qualification  |
|--|-----------|--|--|
| The Australian National University<br>(Crawford School of Economics<br>and Government) | 2007      | Environmental Economics,<br>Management and Development             | Masters in<br>Environmental<br>Management and<br>Development |
| Papua New Guinea University of<br>Technology   | 2004      | Postgraduate course in<br>Communication of Science &<br>Technology | Graduate Certificate in<br>Scientific<br>Communication       |
| University of Papua New Guinea,<br>PNG   | 2002      | Environmental Science  | Bachelor of Science,<br>Honours (First Class)                |
| University of Papua New Guinea,<br>PNG   | 1996 - 98 | Anthropology major, co-major<br>Environmental Science              | Bachelor of Arts   |
| Holy Spirit Seminary, Port<br>Moresby, PNG   | 1990 - 92 | Philosophy, Theology,<br>Anthropology, English                     | Diploma of Religious<br>Studies                              |
| Saint Fidelis College, Madang,<br>PNG  | 1987 - 88 | Religion, English, Maths,<br>Science, Social Science               | Diploma Certificate  |

### WORK EXPERIENCE

Jul 2008-present: Co-Founder and Staff Biologist with PNG Institute of Biological Research  
May 2003–Jun 2008: Staff Biologist with Wildlife Conservation Society – Papua New Guinea Program. Implemented field research program on hunting sustainability at Crater Mountain WMA and Mekil Conservation Initiative. Conducted environmental education and community liaison at various sites throughout PNG. Assisted training and supervision of WCS intern biologists.  
Oct–Nov 2002: Research Assistant. United Nations Development Programme (UNDP) project: *Youth and crime survey in Port Moresby, Papua New Guinea.*  
Oct 2001–Jan 2002: Researcher/Co-author. Japanese International Co-operation Agency (JICA) funded project: *An overview of the communication infrastructure development in Papua New Guinea.*

- Jun 2000–May 2001: Explosive Shot-firing/Driller Assistant. Kamagl Drilling & Blasting Ltd: Safety transportation, storage, and use of explosive items in buildings and road construction; explosive shot-firing and non-electric initiating systems.
- Nov 1999–May 2000: Industrial Trainee with Porgera Joint Venture Environment Department. Environmental impact assessment, management & monitoring: mine tailings treatment & disposal; water quality, sediment, & biological trace metal sampling; river gauging & cross-sectional surveying; meteorology; sewage treatment analysis; waste rock management & disposal; acid rock drainage; mine-site re-vegetation; data logger downloading; computer database management, office procedures, and report writing.
- Nov 1998–Feb 1999: Industrial Trainee with Porgera Joint Venture: Job description as above.
- Jun 1997: Research assistant. Petroleum & Energy Department: Household energy consumption survey, Port Moresby, PNG.
- Apr 1997: Research Assistant. Eda Ranu - Sewerage & sewage disposal system & water use, Port Moresby, PNG.
- Nov 1997–Jan 1998: Researcher. Foundation for People & Community Development funded project: *The social and environmental survey of the Tekadu people of lower Watut* in the Lakekamu Integrated Conservation & Development area, Morobe/Gulf provinces, PNG.
- Dec 1996–Jan 1997: Sales Assistant. Shell PNG Limited, Idubada Terminal, Konedobu, NCD. General clerical duties assisting the dispatch, shipping, accounts, and filing clerks; served at customers' services counter.
- Jan–Dec 1993: Pastoral Assistant. Kundiawa Diocese, Simbu province: Pastoral trainee, assisting parson in the overall administrative and pastoral duties; facilitated community based projects, management and organization; conducted workshop and training courses for women, youth and religious groups within the community.

#### SHORT COURSES COMPLETED

- Apr. 2005: Graduate Certificate in Communication of Science and Technology, Papua New Guinea University of Technology.
- Dec. 2004: Wildlife Conservation Society's Biological Research Training Course on field techniques for biological surveys, censuses, data analysis and write-up.
- Dec. 2003: Wildlife Conservation Society's Biological Research Training Course on project design, data analysis, and scientific writing.
- Nov. 1998: Porgera Joint Venture Induction Course.

#### SEMINARS AND PRESENTATIONS

- Oct. 2004: Researcher/Author. Paper presentation, "*Riverine waste disposal: Porgera mine sediment impact on the sustainability of Porgera-Lagaip-Strickland Rivers systems*" at the 6<sup>th</sup> New Guinea Biological Conference, University of Papua, Manokwari, Indonesia.
- Sep. 2003: Research Assistant/Co-author. Poster titled: "*A pilot study on human use of wildlife in the Crater Mountain Wildlife Management Area*", presented at the 5th New Guinea Biological Conference, University of Goroka, Papua New Guinea.
- Feb. 2003: Researcher/Author. Honours thesis and seminar paper titled: "*Riverine waste disposal: an analysis of Porgera mine sediment impact on the Porgera-Lagaip-Strickland Rivers systems*". Environmental Science, University of PNG.
- 1998: Researcher/Author. Seminar titled: "*The revolutionary impact of 'Ipomoea batatas' in the Highlands region.*" Environmental Science, University of PNG.
- 1998: Researcher/Author. Seminar titled: "*Peoples' participation in environmental management and sustainable development of the Kundiawa town redevelopment project.*" Environmental Science, University of PNG.
- 1998: Researcher/Author. Project and seminar titled: "*Environmental management and monitoring program (EMMP) of the Laloki Gold Project.*" Environmental Science, University of PNG.

- Apr. 1997: Researcher/Co-author. Social mapping project and seminar titled: *"The ethnography of the Paramana people, Aroma Coast."* Anthropology Sociology Department, University of PNG.
- 1997: Researcher/Co-author. Social Impact Studies seminar titled: *"Land ownership and land boundaries of the 'Alienated Land': the case of Mt Kare."* Anthropology Sociology Department, University of PNG.

#### AWARDS

- 2007: Awarded AusAID Australian Leadership Scholarship for postgraduate studies in Australia
- Oct. 2004: Prizes: book voucher valued at one million Rupiah (UNIPA sponsor) and *An Interactive Key to Malesian Seed Plants* CD (The Royal Botanical Garden, Kew sponsor) for an outstanding student presentation at the Sixth NG Biological Conference, UNIPA, Indonesia.
- 1996: Awarded the PNG Government National Scholarship for undergraduate studies at the University of Papua New Guinea.

#### SKILLS

- (1) Research Skills
- (2) Good Organizational Skills
- (3) Good Analytical and Communication Skills
- (4) Computer Skills
- (5) Counseling and Conflict Resolution Skills
- (6) Community Liaising Skills

#### REFEREES

1. Andrew L. Mack, Ph.D  
William and Ingrid Rea Conservation Biologist & Senior Scientist  
Powdermill Nature Reserve 1847 Rte. 381 Rector, PA 15677 USA  
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2. David Mowbray, Ph.D (Senior Lecturer/Associate Professor)  
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