



Prof Rouget is Medeprofessor in die Departement Plantkunde. Die fokus van sy navorsing is die raakvlak tussen die bewaring van biodiversiteit en bepaalde menslike bedrywighede – onder meer vraagstukke soos indringerplante, klimaatverandering, doelmatige bewaringsbeplanning en -implementering en ekosisteedienste. Hy het in 2000 'n PhD in Plantkunde van die Universiteit van Kaapstad verwerf waarin hy op statistiese en GIS-ontleding gefokus het. Hy word internasionaal as 'n deskundige op die gebied van bewaringsbeplanning erken en het in verskeie akademiese en regeringsinstellings gewerk. In 2008 was hy die Leier van Biodiversiteitsbeplanning in die Suid-Afrikaanse Nasionale Instituut vir Biodiversiteit (SANBI).

Sy samewerking met talle navorsers het sedert 2001 neerslag gevind in 50 portuurbeoordeelde publikasies. Sy werk is gepubliseer in vooraanstaande vaktydskrifte soos *Nature*, *Proceedings of the National Academy of Science*, *Trends in Evolution and Ecology* en *Conservation Biology*.

Van die hoogtepunte van prof Rouget se loopbaan was sy samewerking met wetenskaplikes op talle verskillende vakgebiede en met besluitnemers soos byvoorbeeld varswaterekoloë, ekonome, grondgebruikbeplanners en programbestuurders. Hy beskou die rol wat hy kon speel in kapasiteitsbou as 'n blywende en betekenisvolle prestasie. Vyf honneurs-, agt meesters- en vier PhD-studente het hul grade onder sy leiding behaal, waarvan talle van Afrikalande gekom het. In 2010 het hy 'n B3-gradering as sy eerste gradering van die NNS ontvang.

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Prof Rouget is an Associate Professor in the Department of Plant Science. His research focuses on the interface between biodiversity conservation and human activities on issues such as alien plant invasions, climate change, effective conservation planning and implementation, and ecosystem services. He received the PhD in Botany in 2002 from the University of Cape Town and it focused on statistical and GIS analysis.

He is an internationally recognised expert in conservation planning and has worked in several academic and government institutions. In 2008 he was the Leader: Biodiversity Planning with the South African National Biodiversity Institute (SANBI). His numerous collaborations have resulted in 50 peer-reviewed publications since 2001. His work has been published in prestigious journals such as *Nature*, *Proceedings of the National Academy of Science*, *Trends in Evolution and Ecology*, and *Conservation Biology*.

Some of Prof Rouget's career highlights include collaborating with scientists in many different disciplines and with decision-makers such as terrestrial and freshwater ecologists, economists, land-use planners and programme managers. He regards his role in building capacity as an enduring significant achievement. He has supervised five honours, eight master's and four PhD-students, many of them from the African continent. In 2010 he was awarded a B-3 rating for his first NRF rating.

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Prof Rouget ke mothušapofesa ka Kgorong ya Thutamahlale a Dimela. Dinyakišišo tša gagwe di nepile kgokaganong magareng ga pabalelo ya phapanophelo (*biodiversity conservation*) le mešongwana ya semotho mo tabeng tše bjalo ka tlhaselo ya dimela dišele, phetogo ya leratadima, leanophethagatšo la pabalelo le tsentšhotirišong, le ditirelo tša phedišano le kamano ya diphedi (*ecosystem*). O hweditše lengwalo la gagwe la PhD ka Thutadimela (Botany) ka 2002 go tšwa University of Cape Town gomme yona e nepile tshekatshekong ya dipalopalo le GIS.

Ke setsebi seo se tsebegago maemong a boditšhabatšhaba ka leano la pabalelo gomme o šomile ditheong tše mmalwa tša thuto le tša mmušo. Ka 2008 e be e le Moetapele wa Leano la Phapanophelo (*Biodiversity Planning*) ka Institšhuting ya Bosetšhaba ya Phapanophelo ya Afrika-Borwa (*South African National Biodiversity Institute*). Ditšhomišanommogo tša gagwe tše mmalwa di tšweleditše diphatlalatšo tše 50 tša go sekasekwa ke ba mphato wa gagwe dithutong go tloga ka 2001. Mešomo ya gagwe e phatlaladitšwe ditšenaleng tšeo di hlomphegago bjalo ka *Nature*, *Proceedings of the National Academy of Science*, *Trends in Evolution and Ecology*, le *Conservation Biology*.

Tše dingwe tša dintlhakgolo tša mosomo wa Prof Rouget di akaretša go šomišana le boramahlale ka mafapheng ao a fapafapanego le batšeadiphetho ba bjalo ka boraikholotši ba diphedi tša nageng le tša ka meetseng, boraikonomi, borapeakanyo ya tšhomišo ya naga le baokamedi ba mananeo. O re o tšea karolo ya gagwe ya go aga mothamo e le phihlelelo e bohlokwa ya kgotlelelo. O ile a akomela baithuti ba bahlano ba ditikrii tša honase, ba seswai ba mastase le ba bane ba bongaka (PhD) bao bontši bja bona bo tšwago kontinenteng ya Afrika. Ka 2010 o filwe maemo a B3 e le maemo a gagwe a mathomo go NRF.