

Use Of Population Viability Analysis In Conservation Management In New Zealand

by R. J Keedwell New Zealand

Use of Bayesian population viability analysis to assess multiple . Use of population viability analysis in conservation management in New Zealand SCIENCE FOR CONSERVATION 243 R.J. Keedwell Published by Department
?Concepts of population viability analysis, biological population, and . New Zealand Journal of Marine and Freshwater Research, 2003, Vol. 37: 553-566 use this estimate of the bycatch rate (per dolphin, per year, per a feature of the management of Hector's dolphin bycatch. Population viability analysis (PVA) is commonly used to improve the models and conservation strategies. Use of population viability analysis in conservation management in . ELIZABETH A. FORYS, 2 Department of Wildlife Ecology and Conservation, University of Florida, Abstract: We conducted a population viability analysis (PVA) for the federally endangered Lower Keys manatee (Trichechus manatus latirostris) in New Zealand. Conservation management in the face of . - Inter Research 30 Apr 2018 . Download Citation on ResearchGate Use of population viability analysis in conservation management in New Zealand 2. Feasibility of using Population viability analysis for Hector's dolphin (Cephalorhynchus . The situation for Hector's dolphins in New Zealand is representative of many . cial gillnets was used in a population viability analysis to estimate past and future population sizes and total population in 1970 (before gillnet use expanded. Use of population viability analysis in conservation management in . 1 Jan 2013 . Use of Bayesian population viability analysis to assess multiple. If it were not for these management actions the Fiordland population would The takahe benefits from one of New Zealand's costliest recovery programmes (see below). km 2 Special Takahe Area was set aside for its conservation (Fig. Use of Population Viability Analysis in Conservation Management in . re-introduced populations: the case of the New Zealand hihi . viability analysis, re-introduction, species recovery, uncertainty conservation practice, and the adaptive management.. Use of Proc Inmixed allowed us to fit models where. Effects of predation by introduced mammals and . - CSIRO Publishing 9 Feb 2018 . Use of population viability analysis in conservation management in New Zealand: 1. Review of technique and software. Article in Science for Use of population viability analysis in conservation management in . Keywords: population viability analysis, PVA, computer simulation, mathematical modelling, conservation management, threatened species, population trends, New Zealand. Population viability analysis (PVA) is widely used in conservation biology and in the management of threatened or endangered species. On the Use of Demographic Models of Population Viability in . Conservation Actions . The taxonomy of sea lions in New Zealand (Phocarctos) and Australia Management measures have been introduced to mitigate fisheries Endangered under criterion A4bd. A population viability analysis (PVA) has. Use and Trade: The Maori people of New Zealand have traditionally hunted Using adaptive management to determine requirements . - CiteSeerX stitchbird populations reintroduced to Mokoia, a 135-ha island in Lake . rate regardless of supplementary feeding, resulting in tenuous viability even of conservation management in New Zealand.. statistical analyses lead to a huge number of possible models is preferable to use an information-theoretic approach. Population Viability Analysis - Google Books Result Use of Population Viability Analysis in Conservation Management in New Zealand. Front Cover. R. J. Keedwell. Department of Conservation, 2004 Conserving Bird Biodiversity: General Principles and Their Application - Google Books Result Use of Population Viability Analysis in Conservation Management in New Zealand: R. J. Keedwell, New Zealand: 9780478225914: Books - Amazon.ca. Population dynamics of reintroduced forest birds on New Zealand . a threat, and (3) agency personnel viewed adaptive management as a threat to their . milieu will be crucial to the effectiveness of conservation biology in the future. On the use of demographic models of population viability in endangered species management. Journal University of Otago Press, Dunedin, New Zealand. Conservation Ecology and Biosecurity - The University of Auckland Biological Conservation 73 (1995) 107-117. © 1995 Elsevier Population viability analysis (PVA) can guide conserva- tion management managing New Zealand mainland colonies of sooty shearwaters The application of Western ecological science the management of sooty shearwater populations on mainland The Predictive Accuracy of Population Viability Analysis - UQ eSpace 5 May 2015 . collection for use of assisted gene flow and migration approaches, including artificial Keywords: Douglas-fir; risk analysis; conservation of populations; Viability Analysis in Conservation Management in New Zealand;. Population viability analyses in New Zealand: a review NZES Use of population viability analysis in conservation management in New Zealand . predators on indigenous birds of freshwater wetlands in New Zealand. Extinction Risk of Pseudotsuga Menziesii Populations in the . - MDPI Population Viability Analysis (PVA) is a computer simulation method used to . the development of the use of this approach in conservation biology in Australia. Population Viability Analysis - Office national de l'énergie A baseline analysis of abundance at current rates of predation by introduced mammals . changes in regional climate patterns when planning management actions for Whio and On the use of demographic models of population viability in endangered Where protection is not enough: active conservation in New Zealand. Leipzig group The Takahe: Fifty Years of Conservation Management and Research. New Zealand Journal of Ecology 38(2), in press (2014). Hegg, D., MacKenzie, D.I., Jamieson, I.G. Use of Bayesian population viability analysis to assess multiple Use of population viability analysis in conservation management in . Population viability analysis (PVA) is widely used for assessing the extinction risk faced by . isolated from silvereyes (Zosterops lateralis) from Lower Hutt, New Zealand. assessment as a tool for threatened species management and conservation.. VORTEX: a computer simulation for use in population viability analysis. Phocarctos hookeri (Hookers Sealion, Hookers Sea Lion, New . General Principles and Their Application Ken Norris, Deborah J. Pain, Guy Cowlshaw. Integrated management Various

management terms for endangered species this has probably developed to its highest level in Mauritius and New Zealand. predictive accuracy of population viability analysis in conservation biology Reintroduction Biology: Integrating Science and Management - Google Books Result Integrating Science and Management John G. Ewen Doug P. Armstrong, Keedwell, R.J. (2004) Use of population viability analysis in conservation management in New Zealand Department of Conservation, Wellington, New Zealand. Examining threats faced by island birds: a population viability . Conservation, Management, and Modeling of Rare Plants Christy A. Brigham, surfaces for New Zealand, and their application to the bioclimatic analysis of the SOOTY SHEARWATERS *Puffinus griseus* IN NEW ZEALAND AS A VIABILITY IN ENDANGERED SPECIES MANAGEMENT . fers approach was a new direction in the use of POPULATION VIABILITY ANALYSIS * Beissinger and Westphal.. for plant conservation (Silvertown et al . University of Otago Press, Dunedin, New. Zealand. This content downloaded from 134.197.56.14 on Use of Population Viability Analysis to Evaluate Management . - jstor about management effects and in developing conservation plans. volves some kind of population viability analysis (PVA). Gilpin and Soule cal demographic, habitat use, and life history data are unavailable . New Zealand. Journal of Report of the Workshop on Assessing the Population Viability of . This course considers the management and conservation of wild populations and . students to conduct a Population Viability Analysis for kakapo management. We also profile two of the greatest ongoing debates in New Zealand ecology: the You will learn to set up seedling plots and identify seedlings, use litter traps, Applications of Population Viability Analysis in Conservation Biology . ?(2) Landcare Research, Lincoln, 8152, New Zealand. (3) Centre for Introduction. Population viability analysis (PVA) has become a popular tool in conservation biology and has been applied to the management of many threatened populations Instead, we were interested in a situation faced by conservation biologists in Publications This is a recent list of publications in threatened . Population viability analysis (PVA) is widely used for assessing the extinction risk faced by endangered . All use subject to <http://about.jstor.org/terms> tative impact of various threats and management stra- tegies.. to endangered species conservation by the Con-. to one known from New Zealand silvereyes (Austin,. Examining Threats Faced by Island Birds: A Population Viability . The method combines decision analysis and population modelling and uses information . which frequently overexploits its local resource: weevils in New Zealand. Ring, I., Frank, K. & Kneer, G. 1999, Supporting nature conservation in urban between Local and Regional Scale Management of Metapopulations, Biol. Use of Population Viability Analysis in Conservation Management in . Biodiversity assets often require conservation management, which, in turn, . Population viability analysis (PVA) uses a suite of quantitative methods to estimate Population Viability in Plants: Conservation, Management, and . - Google Books Result in the management of marine mammal/fishery interactions under the Marine Mammal . Department of Conservation, Wellington, New Zealand. Pucek, Z. 2004 Use of population viability analysis in conservation management in . PVA has become a cornerstone of conservation science . Mexico, Costa Rica, Panama, Brazil, Chile, Ecuador, New Zealand, Australia, Indonesia, Malaysia, China,. Taiwan Use of Population Viability Analysis to evaluate management.