



Conservation, Partnerships & Ecotourism

How to interpret and integrate biodiversity plans in today's spatial planning imbroglio



Boyd Escott
2014 Biodiversity Planning Forum





E Z E M V E L O
K Z N W I L D L I F E

Conservation, Partnerships & Ecotourism

What to expect from this talk...

- No solutions....just requests
- No detail examples only
- and finally, no acronyms.




EZEMVELO
KZN WILDLIFE

Conservation, Partnerships & Ecotourism

Why this title?

imbroglio

/ɪm ˈbrɒʒiəʊ/ 

noun

an extremely confused, complicated, or embarrassing situation.

"the abdication imbroglio of 1936"

synonyms: complicated situation, complication, complexity, problem, difficulty, predicament, plight, trouble

entanglement, confusion, muddle, mess, quandary, dilemma; More

- archaic
a confused heap.

Request

We desparately need a single reference document which clearly outlines:

- key reference datasets that **HAVE** to be considered.
- clearly outline how the different different products relate to one another
- standardisation of buffers.



Example of buffer variations currently in play (not exhaustive)

Conservation, Partnerships & Ecotourism

		KZN CBA/ESA: ESA (100m on CBA wetlands)
		FEPA: generic buffer is 100m from outside edge of wetland; buffer for septic tanks on wetland FEPAs
	152m	PARC Habitat Management Guidelines for Amphibians and Reptiles of the Midwest - Above and beyond the permanent wetland buffer, provide the adjacent, upland habitat required by many wetland species, which should be 500ft (152m) or wider if possible
	250m	FEPA: buffer for boreholes near wetland FEPAs
	275m	Burke VJ & Gibbons JW 'Terrestrial Buffer Zones and Wetland Conservation: A Case Study of Freshwater Turtles in a Carolina Bay' Conservation biology 9(6) (1995), 1365-1369 - 275-m upland buffer zone to protect 100% of the nest and hibernation sites. Insulating 90% of the sites required a 73-m buffer zone
	500m	FEPA: 500m buffer for treatment plants & and herbicide & pesticide applications (excl alien clearing) near wetland FEPA
		KZN CBA/ESA: 500m on FEPA priority wetlands (ESA)
		Dept Water Affairs: 500m around wetland as a trigger for Water Use License
	1km	FEPA: 1km buffer on 100m wetland FEPA buffer for mining
	site specific	EKZNW Handbook: site specific based on slope, erosion potential, rainfall, vegetation cover, wetland type and functionality, habitat for threatened species, development type impact (noise, pollution, runoff, invasive species, sediments, firebreaks)

Request

We desparately need a single reference document which clearly outlines:

- key reference datasets that **HAVE** to be considered.
- clearly outline how the different different products relate to one another
- standardisation of buffers.
- Nacelle's, Felicity's and Mervyn's comment on standardisation for species of common distribution



E Z E M V E L O
K Z N W I L D L I F E

Conservation, Partnerships & Ecotourism



			SCIENTIFIC SERVICES	
				
steering conservation through science				