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Subject: Re: global risk updated results
From: Textson-Skedel Batonigolostate edu-
Date: 2019-0-11, 07-29
The: Alison Birdey (Allison Birdey) Germal carleton, co. P. Richard Schnoter (rishalt schnoter@glot.carleton.co. P. Tulkech, Vin " v. tulkech@ubc.ca> Jose Bennett (dose, place tearleton, co. P. keftrey Hanson (guegeomeet.edu.us). keremy Pitman (guenten) co. Carleton (guenet. arthur description) co. Ca
 Hi all.
 I've hada first crack at the draft. What an incredible amount of workyor've pulled together, Richard, well done. Also - super neatresubs. I really like the hep-ful message about how incorporating uncertainty can fit within the post-2020 protection targets. I think it would be worth featuring this in the abstract- I ver made an effort to cut down weeds so you can move it up, if everyone else agrees.
 Sorry X's a little measy - I tried to shaffle the introductory material around to minimize repetition. This might be me being slow, but the wording in the results is confusing for a non-spatial prioritzation speciallat. When you talk about percentages, perhaps you can try to classify what you man - the percent increase in protected area required to meet the 30% target for verterbates? The percent increase in protected area above baselone required to meet the 30% target for verterbates? Also - is it mue that some of the scenarios with uncertainty incorporated require less protected area to meet the target than baseline? If so, this might be a result worth highlighting and discussing. I'm still trying to warpn my head around why this would be the case-because new habitat is created for some species under climate? Because hand-use change is protected area to meet the appearance of the percentage of the case-because new habitat is created for some species in the farther appearance of the case-because new habitat is created for some species in the farther appearance of the case-because new habitat is created for some species in the farther appearance of the case-because new habitat is created for some species in the farther appearance of the case-because new habitat is created for some species in the farther appearance of the case-because new habitat is created for some species in the farther appearance of the case-because new habitat is created for some species in the farther appearance of the case-because new habitat is created for some species in the farther appearance of the case-because new habitat is created for some species in the farther appearance of the case-because new habitat is created for some species in the farther appearance of the case-because new habitat is created for some species in the farther appearance of the case-because new habitat is created for some species in the farther appearance of the case-because new habitat is created for some species in the farther appearance of the case-because ne
 Just an idea for the results - what if we related the "swarinton in PA needed between scenarios to the different amounts of uncertainty. You do this informally for Libya and Indonesia, but what about doing this in a quantitative way? E.g., the relationship between countries probability of novel climates (or is it extreme climates now?) versus variation in PA between scenarios, predicted increase in X land-use type (e.g., agriculture) versus variation in PA between scenarios, and socio-political uncertainty versus variation in PA between scenarios. Hippy to discuss more, but might help discuss how these various sources of uncertainty affect results.
Dr. Rachel Buxton
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Ottawa, OR KIS 5B6
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 From: Allion Binky 'Alliondfinky@cmil.carleton.ca>
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 Hi Richard.
Prom: <u>Bachard Schuster</u>
Son: March 3, 2020 254 pM
Son: March 3, 2020 254 pM
Son: Jacob Son: Jacob Son: Jacob Son: Jacob Jacob
 I was hoping to ask you all to have a close read, tear apart and edit as you see fit and once that's done we can either have a call about the paper, or if we mostly agree on things, I can take your edits, incorporate them and send to the bigger author group for their input.
 Jeff, any chance you could work your magic again and provide the maths for the multi-objective formulation?
 On 2020-02-18 12:35, Tulloch, Viv wrote:
                                         On 18 Feb 2020, at 10:45 am, Richard Schuster cichard schuster@glel.carleton.ca> wrote:
                                          Sorry for the slow response. I wanted to get an updated draft done before I respond, but Allie just solved our land use class weighting problem!
                                          From Allie: They actually used the PREDICTS data but linked each of the Verberg land use cate gories to potential blodiversity loss/gain for each - "The results allow for estimates of biodiversity loss per lands as in attached the supplemental table with the biodiversity" scores' per land use (table 3).
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         resity class relative to a natural unimpacted baseline." Not sure if sits is overly simplictic, but my thought was that you could probably base your threat score off of this, and this paper and others would land support. I'v
                                         I suesest we ditch our current weightime that I isst came us with and use the abundance column of Table 3 in the attached for the land cover mster. We can focus on the middle of the road, 2050 raster for this and be done with it. This way we can just roint to the oublished roacer for this and avoid neviewer comments along the lines of You just made this suff.
                                            What do you all think? If you think this is the way to go, I can update the analysis and run things again for a hopefully pretty close to complete set of results. If results don't change much, I should be able to send around a draft shortly after the analysis is complete.
                                          On 2020-02-07 12:52, Joe Bennett wrote:
Hi Richard,
                                                            These results seem good to me, and really interesting. As long as we're OK with everything, then they seem intuitive to me
                                                              Larrect that the we inhiting will need to be well justified. It's tricky because we need to deal with it and I think what is or orosed is quite reasonable. But I wonder about how it would be received.
                                                              From Both Schools schools destroying in advances as the School Sc
                                                                [External Email]
                                                            Here now expended the objectives by the base objective using sere, which beings us to a total of up to 4 objectives in one. 
Been using our critism in:

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Ce-climate

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                                                                As for the cost/risk layers, I am currently using:
                                                            Thanks,
Richard
                                                              Research Scientist, Carleton University
Conservation Printings and Constraint, Antore Conservancy of Canada Adjused Professor, UNBC
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Twitter (Silk-Schuster
Pro. 258 65-2521)
Twitter (Silk-Schuster
Pro. 258 65-2521)
                                                                  ------End of D isclaimer---
                                            Richard Schuster, Ph.D.
 Richard Schuster, Ph.D.
 Rese arch Scientist, Carleton University
Conservation Prioritization Consultant, Nature Conservancy of Co
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