

We need to talk about forest integrity



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Intact ecosystems support an exceptional stack of values

Resilience



Biodiversity



Human health



Indigenous cultures



Watershed protection



Carbon stocks and sinks



Regional climate protection



Aesthetic, spiritual & recreational values

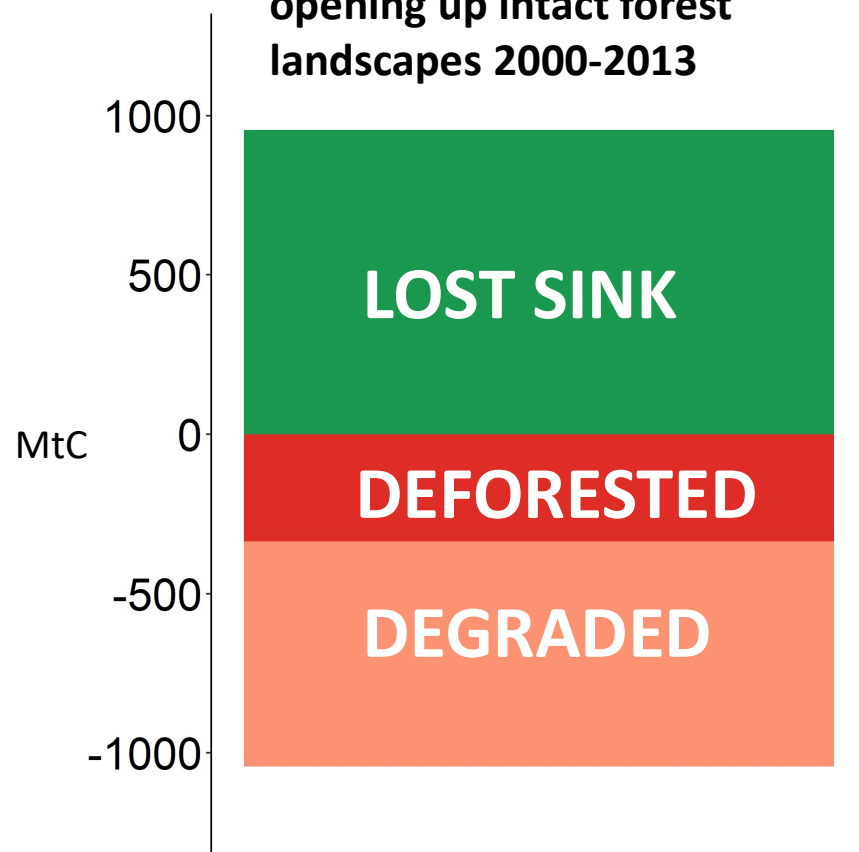


Anchoring ecological & evolutionary processes



Forest integrity matters very much for the climate

Long-term implications of
opening up intact forest
landscapes 2000-2013



Preliminary numbers,
not for citation please!



Intact, primary
forests are gaining
carbon worldwide –
absorbing c.¼ of
humanity's emissions



Agriculture
Mining
Urbanization



Logging
Edge effects
Impacts of defaunation

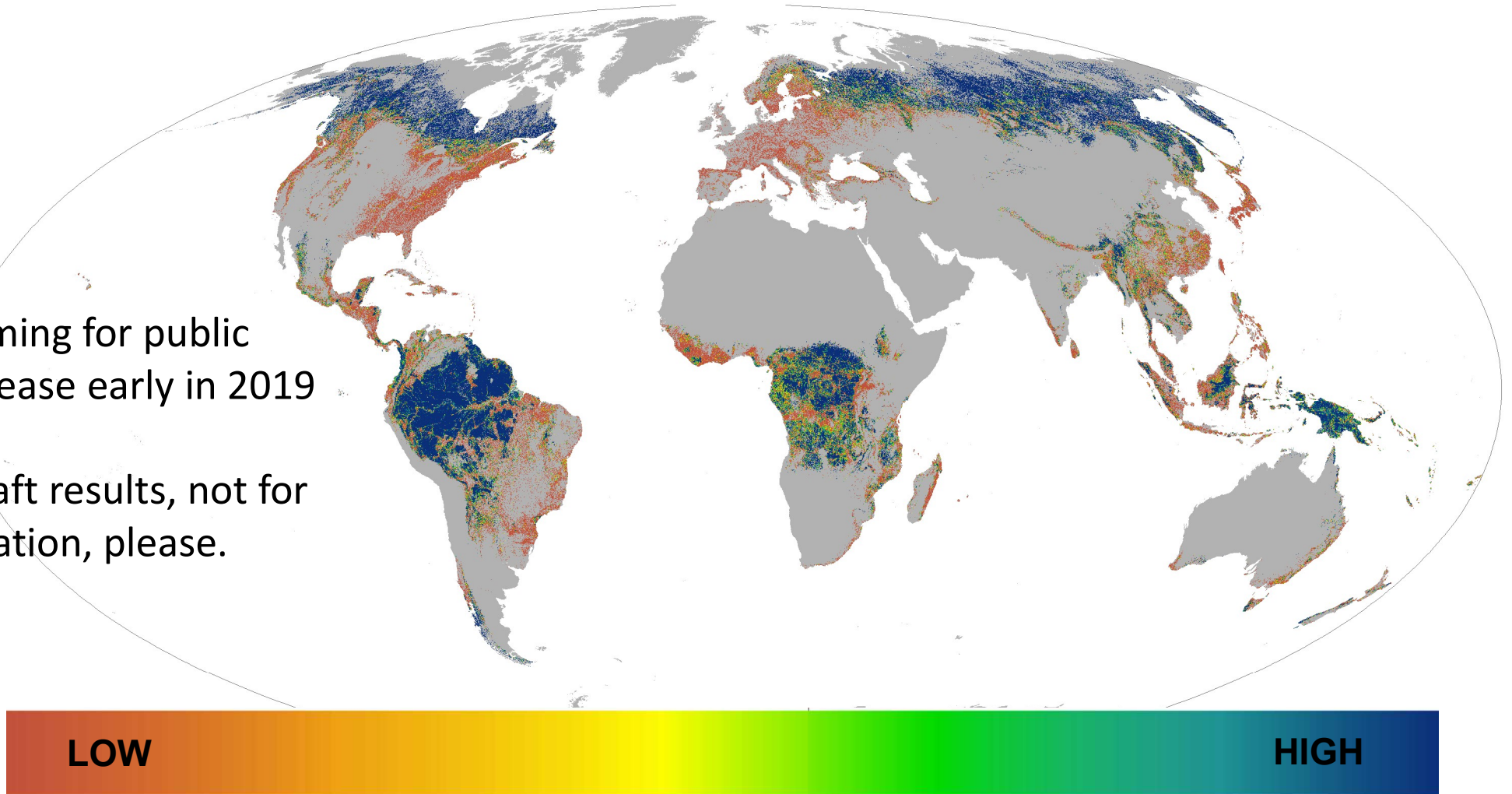
Forest integrity is at risk worldwide,
and this is not adequately recognized



Forest integrity is being mapped globally for the first time

Aiming for public
release early in 2019

Draft results, not for
citation, please.



Awareness of the issue is the first step...
...policy goals need to follow...

...and we have viable tools to address the problem

- **Secure intact areas** –maintain that huge sink
 - Protected areas, Indigenous/community lands
 - Bind industry and capital to meaningful safeguards
 - Spatial planning and good governance
- **Stabilize degradation** in working forests
- **Restore**: defragment, shut roads, recover fauna, repair logging damage.

**All of these measure belong in NDCs,
adequately valued and financed.**

**Champions are needed, in tropical and
boreal forest countries, and beyond.**

Thanks for listening.

Please come and speak to me or Steph.



or email me – tevans@wcs.org

