**Flow SubTypes that need to be harmonized**

**Other Drivers that were written in that need to be re-entered and grouped**

"la la la"

[16] "lala"

[17] "permafrost melt; sea ice decline"

[18] "Hurricanes are mentioned"

[19] "but not explicitly in a transboundary context"

[20] "water availability"

[21] "extreme weather"

[22] "freshwater temperature and chemistry change"

[23] "Land ice cover (glaciers)"

[24] "C02 concentration"

[25] "Increased frequency of extreme weather events"

[26] "Extreme weather"

[27] "Water temperature directional change"

[28] "ice cover duration"

[29] "streamflow patterns"

[30] "freshwater salinization"

[31] "additional natural disasters (e.g."

[32] "tsunamis"

[33] "earthquakes"

[34] "volcanic eruptions)"

[35] "extreme weather events"

[36] "changes in wind pattersn"

[37] "this paper does not mention temp or precip change explicitly"

[38] "only habitat change"

[39] "snow pack (depth and hardness)"

[40] "El Nino Southern Oscillation (ENSO)"

[41] "Permafrost thawing"

[42] "Snow cover directional change"

[43] "Melting permafrost"

[44] "increased UV radiation"

[45] "snow cover loss."

[46] "River water temperature; hydrology"

[47] "winter storms"

[48] "Riverine discharge change"

[49] "heat waves"

[50] "Natural disasters broadly"

[51] "Snowpack reduction"

[52] "melting permafrost"