

# Lithium River Flux

Jianing Yang, yjn@ad.unc.edu

This project evaluates Lithium Isotope  $\delta^{7}\text{Li}$  from river fluxes, with equation:  
 $(\delta^{7}\text{Li} (\text{‰}) * \text{Li conc ppb} * \text{Discharge km}^3/\text{year}) /$   
 $(\text{Li conc ppb} * \text{Discharge km}^3/\text{year})$ ,  
*The total lithium flux is 16.35%, with the biggest contributor to the total flux being Amazon.*

