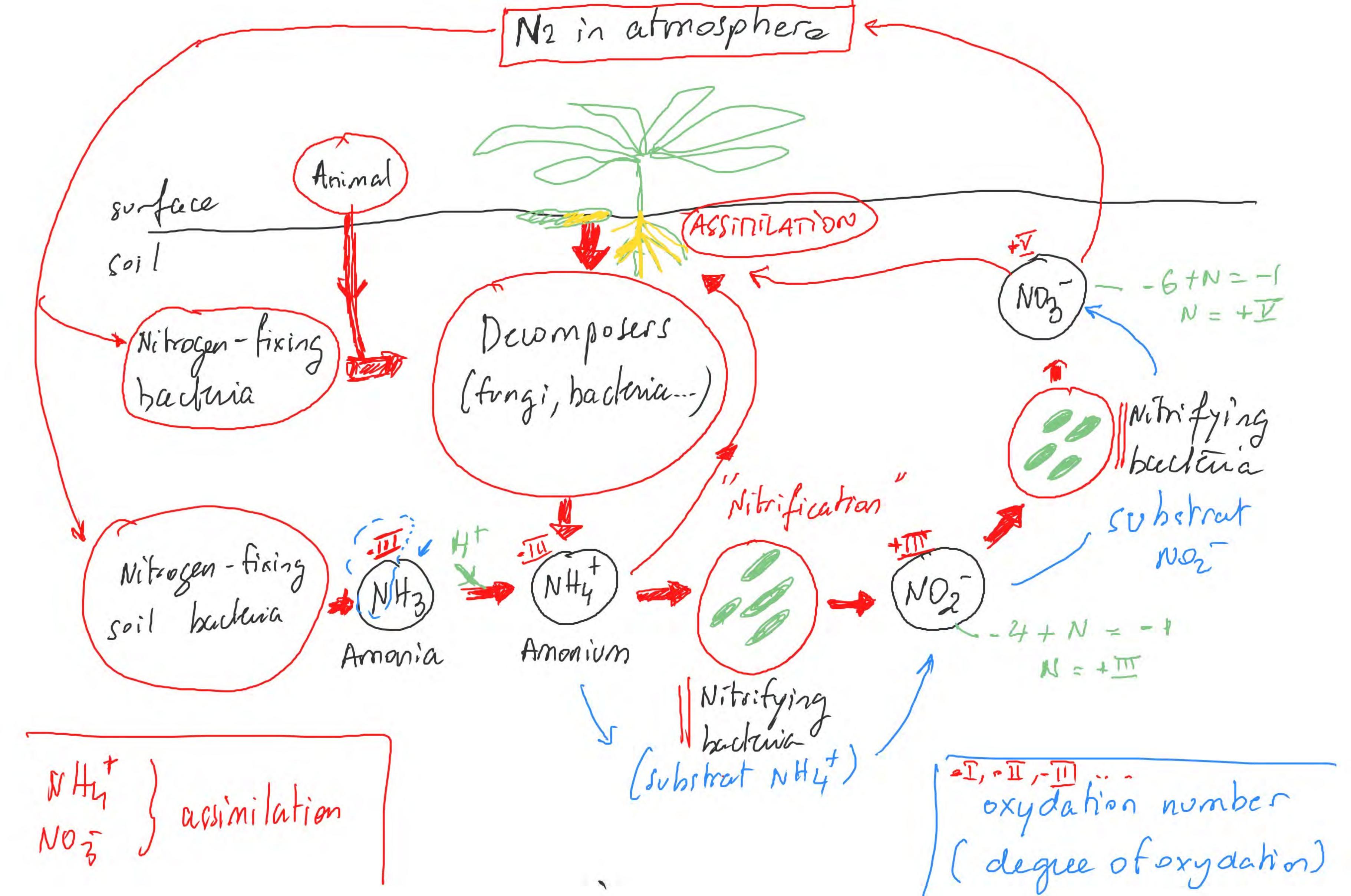


\* see previous chapters (photosynthesis; cellular respiration).

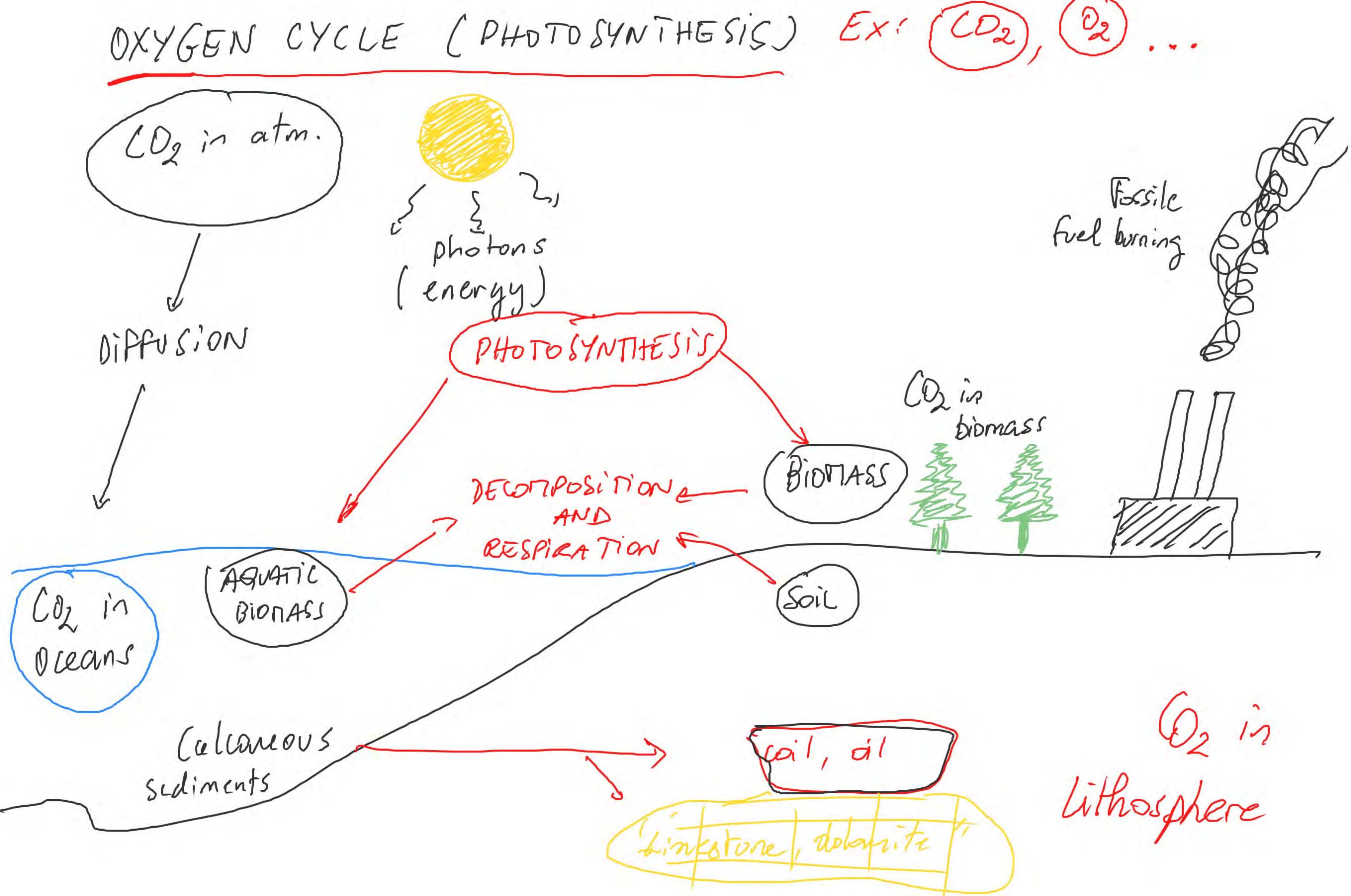
Nitrogen cycle: Nav 80% of the atmosphere.

Assimilation: It is the process of one organism to take on (incorporate) inside cells an specific element.

Nitrogen-fixing bactura or ; bactura fixe N (# forms) and Nitrogen-fiving soil bact garantee a min level of N in that



NITROGEN: @ Photosynthesis : chlorophyll (N) molecule 2) Nucleic acid: DNA, RNA Contoin N (3) Prohiss: they contain of pepticlic bond (4) Main gas in atmosphere N2: Matrix of exchange PN2= 0.8 atm (80% of all) - Poz= 0.2 atm (5) N com be fixed -> converted into more usable forms > degro of exydahien (-III)+III ->+III) easily (pdar, d...)



SOURCES OF OXYGEN: Photosynthesis and cellular respiration.

Photo dissassociation of 420 vapor.

Biosphere: Oz and Oz circulate freely. Sediments: [Ca W3]: CO2 combines with la Nitrogens containing exygen forms: NOT, NOZ ---02 combines will iron compounds to ferric exides. 1 02 (high allihude alm) is uduced to 03 lozone)