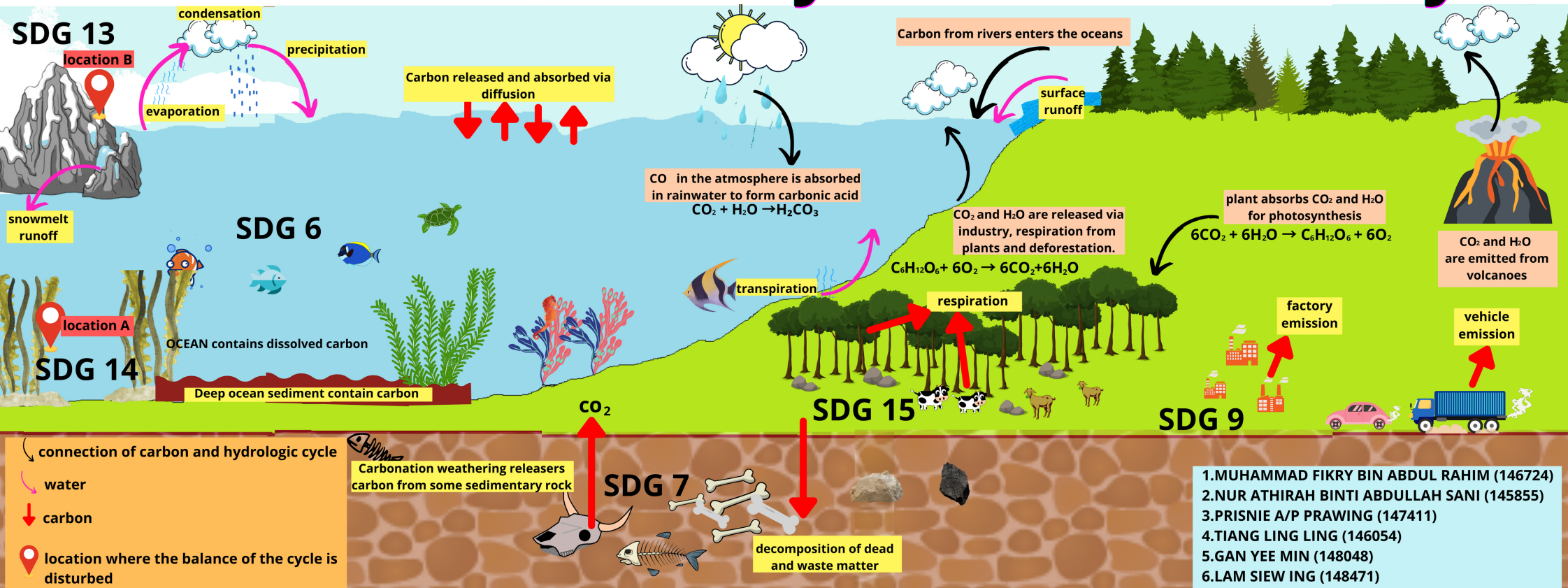


Link between Water Cycle and Carbon Cycle



1. MUHAMMAD FIKRY BIN ABDUL RAHIM (146724)
2. NUR ATHIRAH BINTI ABDULLAH SANI (145855)
3. PRISNIE A/P PRAWING (147411)
4. TIANG LING LING (146054)
5. GAN YEE MIN (148048)
6. LAM SIEW ING (148471)

SDG 6 'Ensure availability and sustainable management of water and sanitation for all' aims to focus on ensuring a clean and stable water supply and effective water sanitation for all people by the year 2030. 6.3 by 2030, improve water quality by reducing pollution, eliminating dumping and minimizing release of hazardous chemicals and materials, halving the proportion of untreated wastewater and substantially increasing recycling and safe reuse globally.

SDG 7 'Affordable and Clean Energy' aims to correct this enormous imbalance by ensuring everyone has access to affordable, reliable, and modern energy services by the year 2030. Target of SDG 7 including access to electricity, clean fuels for cooking, renewable energy (e.g. bioenergy), energy efficiency & advanced and cleaner fossil fuel technology. SDG 7 ensures clean energy for all since energy is the key in achieving food security and better nutrition as modern food systems are heavily dependent on fossil fuels that consume around 30 percent of the world's available energy.

SDG 9 'Industry, Innovation, and Infrastructure' aims to build resilient infrastructure, promote inclusive and sustainable industrialization, and foster innovation. Target 9.4 by 2030, upgrade infrastructure and retrofit industries to make them sustainable, with increased resource-use efficiency and greater adoption of clean and environmentally sound technologies and industrial processes, with all countries taking action in accordance with their respective capabilities. This is because innovation and technological progress in industries and infrastructure are the key to finding lasting solutions to both economic and environmental challenges, such as providing new jobs and promoting energy efficiency.

SDG 13 'Climate Action' aims to take urgent action to combat climate change and its impacts by regulating emissions and promoting developments in renewable energy". One of the human activities have caused climate change such as the release of carbon gasses from factories have increased the carbon content in the air and caused global warming. the rising earth's temperature as the carbon content in the air is increasingly causing the melting of icebergs (**location B**). So, SDG13 is very important for us to take immediate action to reduce climate change.

SDG 14 'Life below water' aims to conserve oceans by ensuring they are used sustainably. Life below water is the most diverse and important ecosystem, contributing to global and regional elemental cycling, and regulating the climate. However, one of the biggest threats to them is ocean acidification because of human activities, namely burning of fossil fuels. Increased amount of carbon dioxide leads to ongoing decrease in pH value of the Earth's oceans and brings a series of negative impacts to the living below water (**location A**). Hence, we should focus on target 14.3 to reduce the impacts of ocean acidification.

SDG 15 'life on land' aims to protect, restore and promote sustainable use of terrestrial ecosystems, sustainably manage forests, combat desertification, and halt and reverse land degradation and halt biodiversity loss. One of human activities, deforestation causes destruction of habitat and animals have to leave certain areas, causing a drop in their population and eventually leading to extinction. Deforestation also increases the amount of carbon dioxide in the atmosphere and results in global warming. So, SDG 15 is so impactful to our environment because it promotes conservation, as well as biodiversity sustainably.