BICEP / NCEO: Monthly global Marine Phytoplankton Primary Production, between 1998-2020 at 9 km resolution (derived from the Ocean Colour Climate Change Initiative v4.2)

References

- Bouman, H.A.; Platt, T.; Doblin, M.; Figueiras, F.G.; Gudmundsson, K.; Gudfinnsson, H.G.; Huang, B.; Hickman, A.; Hiscock, M.; Jackson, T.; et al. Photosynthesis-irradiance parameters of marine phytoplankton: Synthesis of a global data set. Earth Syst. Sci. Data 2018, 10, 251–266. doi:10.5194/essd-10-251-2018.
- Buitenhuis, E.T.; Hashioka, T.; Quéré, C.L. Combined constraints on global ocean primary production using observations and models. Glob. Biogeochem. Cycles 2013, 27, 847–858. doi:10.1002/gbc.20074.
- Friedrichs, M.A.; Carr, M.E.; Barber, R.T.; Scardi, M.; Antoine, D.; Armstrong, R.A.; Asanuma, I.; Behrenfeld, M.J.; Buitenhuis, E.T.; Chai, F.; et al. Assessing the uncertainties of model estimates of primary productivity in the tropical Pacific Ocean. J. Mar. Syst. 2009, 76, 113–133. doi:10.1016/j.jmarsys.2008.05.010
- Kulk, G.; Platt, T.; Dingle, J.; Jackson, T.; Jönsson, B.F.; Bouman, H.A., Babin, M.; Doblin, M.; Estrada, M.; Figueiras, F.G.; Furuya, K.; González, N.; Gudfinnsson, H.G.; Gudmundsson, K.; Huang, B.; Isada, T.; Kovac, Z.; Lutz, V.A.; Marañón, E.; Raman, M.; Richardson, K.; Rozema, P.D.; Van de Poll, W.H.; Segura, V.; Tilstone, G.H.; Uitz, J.; van Dongen-Vogels, V.; Yoshikawa, T.; Sathyendranath S. Primary production, an index of climate change in the ocean: Satellite-based estimates over two decades. Remote Sens. 2020, 12, 826. doi:10.3390/rs12050826
- Lobanova, P.; Tilstone, G.H.; Bashmachnikov, I.; Brotas, V. Accuracy assessment of primary production models with and without photoinhibition using Ocean-Colour climate change initiative data in the North East Atlantic Ocean. Remote Sens. 2018, 10, 1116. doi:10.3390/rs10071116.
- Longhurst, A.R.; Sathyendranath, S.; Platt, T.; Caverhill, C. An estimate of global primary production in the ocean from satellite radiometer data. J. Plankton Res. 1995, 17, 1245–1271. doi:10.1093/plankt/17.6.1245.
- Platt, T.; Sathyendranath, S. Oceanic primary production: Estimation by remote sensing at local and regional scales. Science 1988, 241, 1613–1620. doi:10.1126/science.241.4873.1613.
- Sathyendranath, S.; Brewin, R.J.W.; Brockmann, C.; Brotas, V.; Calton, B.; Chuprin, A.; Cipollini, P.; Couto, A.B.; Dingle, J.; Doerffer, R.; et al. An ocean-colour time series for use in climate studies: The experience of the Ocean-Colour Climate Change Initiative (OC-CCI). Sensors 2019, 19, 4285. doi:10.3390/s19194285.
- Sathyendranath, S.; Platt, T.; Žarko K.; Dingle, J.; Jackson, T.; Brewin, R.J.W.; Franks, P.; Nón, E.M.; Kulk, G.; Bouman, H. Reconciling models of primary production and photoacclimation. Appl. Opt. 2020a, 59, C100-C114. doi.org/10.1364/AO.386252.
- Sathyendranath, S.; Jackson, T.; Brockmann, C.; Brotas, V.; Calton, B.; Chuprin, A.; Clements, O.; Cipollini, P.; Danne, O.; Dingle, J.; Donlon, C.; Grant, M.; Groom, S.; Krasemann, H.; Lavender, S.; Mazeran, C.; Mélin, F.; Moore, T.S.; Müller, D.; Regner, P.; Steinmetz, F.; Steele, C.; Swinton, J.; Valente, A.; Zühlke, M.; Feldman, G.; Franz, B.; Frouin, R.; Werdell, J.; Platt, T. (2020b): ESA Ocean Colour Climate Change Initiative (Ocean_Colour_cci): Global chlorophyll-a data products gridded on a sinusoidal projection, Version 4.2. Centre for Environmental Data Analysis, 24 September 2020.
 - https://catalogue.ceda.ac.uk/uuid/99348189bd33459cbd597a58c30d8d10