

## Special Issue on

### Colloid and Polymer Interfaces in Bio-resources and Environments

### (Ten year anniversary of RUCEBR and ESJ)

Colloids and Surfaces. A. Physico-chemical and Engineering Aspects.

The Research Unit Colloid Engineering in Bio-resources (RUCEB) at Tsukuba University was founded in 2011 to provide a unique platform for interdisciplinary activities on the fundamental issues of colloid and interface in this field. The electrokinetic society of Japan (ESJ) was also organized at same period to prepare the invitation of the 10<sup>th</sup> international conference on electrokinetics (ELKIN2012). Owing to intimate collaboration between RUCEB and ESJ, ELKIN2012 was successfully held in spite of the serious damage of the big earthquake and Fukushima nuclear power plant accident. Since then, a number of domestic conferences, seminars and summer schools have been organized under the flag of RUCEB and ESJ. Tsukuba Global Science Week is annually organized by Tsukuba University to promote all scientific activity of university of Tsukuba. So far, RUCEB and ESJ had considerable contributions in 2014 and 2017. This year, RUCEB had undertaken the session of **environmental interface engineering based on the dynamic analysis of colloidal flocculation**. Unfortunately, the overall conference plan of TGSW met across the problem of COVID-19. TGSW made a decision to carry out on-line conference. The session organized by RUCEB has modified the plan. In addition to the original idea, the plan was reconsidered to confirm the excellence formation of on-line network through current and past ten year activities. The on-line conference including digital poster session was successfully carried out by the participant of near two hundred researchers Ph-D students from more than ten nations. It again turned out a very precious opportunity to meet and discuss the interdisciplinary activities between colloid and environment in Asia and surrounding countries. Using the opportunity of TGSW2020, the organizing committee of the joint ESJ/TGSW/RUCEB agreed to make an effort to record the current state of the art with relevant topics and the interactive relations. This can be most effectively done by collecting articles contributed to the activity of RUCEB and EJS.

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**Time frame(tentative)**

Start of Submission, Nov.30,2020 (Window for submission will open).

Deadline of the first submission, January 31, 2021 (Window for submission will close).

End of review process, April 31, 2021.

Submit the set of manuscript to publisher May 15, 2021.

Publication, September, 2021.

**Expected Contributions (tentatively)**

**3 review articles**

**25 original articles**