



International Journal of Polymer Science

Special Issue on

Natural Fiber Reinforced Polymer Composites

CALL FOR PAPERS

Over the past several years, there has been an increasing interest in the use of various types of polymers, due to the serious environmental pollution arising from consumed plastics with time. Polymers are currently combined with various biodegradable reinforcing fibers in order to improve mechanical properties and obtain the characteristics demanded in actual applications. The physical and mechanical properties of lignocellulosic composites largely depend on the type of matrix, the content and properties of the reinforcing fiber, and fiber-matrix interaction. Better dispersion of the fiber can be achieved by effective mixing of the components and a proper compounding process.

We invite authors to submit original research and review articles that help uncover the development of natural fiber reinforced polymer composites, including processing and characterizing natural fiber reinforced polymer composites. We also encourage investigators to submit articles focused on characterization of various natural fibers.

Potential topics include, but are not limited to:

- ▶ Recent developments in natural fiber reinforced polymer composites
- ▶ Manufacturing and characterization techniques related to natural fiber reinforced polymer composites
- ▶ Properties of natural fiber reinforced polymer composites
- ▶ Properties and characterization of various natural fibers
- ▶ Nanostructure of natural fibers and their nanocomposites
- ▶ Application of natural fiber and natural fiber reinforced polymer composites

Authors can submit their manuscripts via the Manuscript Tracking System at <http://mts.hindawi.com/submit/journals/ijps/npc/>.

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