Editorial

We bring the first issue of this sixth volume of the **Transactions on Machine Design** with the below described research.

In the first paper on **"A MultiCriteria Spatial WEB Decision Support System for Hazardous MaterialsRoad Transport"** the authors *Djamila Hamdadou, Emdjed Alnafie, Karim Bouamrane* and *Ikram Behilil* have designed and developed a multi-criteria decision support system to identify the least risky paths according to a set of criteria assessed by experts in the field. Further in this work they proposed a web application containing the developed decision support system and allowing carriers to check the system from their starting points.

Anil Gaikwad in the next paper on **"Rain Water Harvesting Basic Need of Present Urban Sector – Use of Digital Technology for Rain Water Harvesting"** has proposed a water harvesting system and water recycling management system.

In the last paper on **"Uniform Design Research for Maintenance Strategy of Automatic Production Line"** the authors *Guofa Li, Chao Hou, Guofei Liu, Yuhui Jia* and *Guoxing Meng* have proposed a system to maximize the production rate of machines. This study has simulated the actual situation of the production line, and has relatively few subjectivity and a certain reference value for the maintenance policy of production line.

We bring more research in the forthcoming issues.

Editors