



Maximizing the Use of Batteries of Electric Vehicles

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Message from the Guest Editors

Dear Colleagues,

Aiming to present electric vehicles (EV) as the ecologic alternative to internal combustion engine vehicles (ICEV) in terms of power and range to ease the transition for final users, car manufacturers are forced to install huge batteries to make it possible to drive for about 300 km or more.

However, most of the trips are well beyond this limit, which means that batteries are mostly oversized and misused all through the EV lifecycle just to fulfill the needs of few specific days.

Trying to maximize the use of these batteries, this Special Issue invites research and review articles on (but not limited to) the following topics:

- EV circular economy streams and businesses;
- State of health and rest of useful time studies;
- EV sharing use and economy such as:
 - Carsharing;
 - V2G services;
- Life cycle assessments;
- EV battery life extension;
- End of life of EVs and of their batteries.

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Message from the Editor-in-Chief

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