

## Geo-Tetsu Project: the History of Dissemination Activities of Geoscience for Four Years (2009-2012)

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Geo-Tetsu is the name of the activity that shows everyone ways to enjoy and learn about geology and related sciences, using railways (Kato et, al., 2009a; Kato et, al.,2009b) [1][2]. The word "Geo" comes from geosciences, and the word "Tetsu" is an abbreviation of railway in Japanese, and common name for railway fans. Following four year's Geo-Tetsu, promotion activities of Geo-Tetsu tours are continued by geological engineers who love railways, organized with the corporation of the Fukada Geological Institute. Fukada Geological Institute. Fukada Geological Institute has the trademark No. 5378786 of the name of "Geo-Tetsu" since December, 2010[3].

Geo-Tetsu offers the chance to get acquainted with geological features, not only through train windows but also along paths accessible from the stopovers alongside the railway routes. We selected enjoyable Geo-Tetsu courses and "Geo-points" which means important geological sites visible, through the train windows from stops alongside the route. In Geo-Tetsu, geological features of the landscape are explained scientifically in a guide-book provided by a group of specialists. As much information is obtainable and can be gathered from various perspectives; the railway itself, geology, geography, cultural heritage and sight-seeing as well. We hope that the general public will enjoy a new style of train trips provided by the Geo-Tetsu.

We have been planned following five routes of Geo-Tetsu since 2009. There are many "Geo-Points" along them, we hope, they make people's eyes direct to geosciences, or eventually toward natural sciences.

1. JR Dosan Line in Shikoku [1][2][4]
2. Gomen-Nahari Line [4][5]
3. JR Yodo Line in Shikoku [6]
4. JR Oito Line [7]
5. JR Furano Line in Hokkaido [8]

We report the Geo-Tetsu activities from May, 2009 to December, 2012; conference presentations, Geo-Tetsu Map productions, book writing, lecture meetings, the guide training courses and tours, the registration of trademark, the logo mark production, media publishing, and collaboration activities with Geo Park (Itoigawa City and Muroto City). Our Geo-Tetsu project will start new stage in 2013.

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[3] Fujita, M.(2012). Geo-Tetsu project: dissemination activities of geoscience for four years (2009-2012). Annual Report of Fukada Geological Institute.No.13, pp.13-20.

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[6] Fujita, M., Kato, H. and Yokoyama, S. (2011). Let us enjoy Geo-Tetsu - the Third proposal of Geo-tours through Train Windows, JR Yodo Line in Shikoku. Abstract of Japan Geoscience Union (JpGU) Meeting 2011, O002-P29.

[7] Ueno, S., Fujita, M. and Yokoyama, S. (2012). Let's enjoy Geo-Tetsu through Train Windows -the Fourth Geo-Tetsu Line, JR Oito Line. Abstract of Japan Geoscience Union (JpGU) Meeting 2012, MIS32-P12.

[8] Yasuda, T. and Fujita, M.(2012). Let us Enjoy Geo-Tetsu - the Fifth Geo-tour through Train Windows, JR Furano Line in Hokkaido. Abstract of Japan Geoscience Union (JpGU) Meeting 2012, MIS32-P13.

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