

## Department of Architecture

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Consensus Building in a Road Planning Process of the Citizen Participating Road Planning Project of Akame-taki Prefectural Road [in Japanese], Masuro URAYAMA:, Journal of Real Estate of JAPAN, No.2 Vol.19, pp.68-73, 2005.11

This paper reports a consensus building process of the Citizen Participating Road Planning Project of Akame-taki prefectural road, Nabari city in Mie Prefecture. The project tackled for local residents, advertised citizens and some members of the Akame District Promotion Conference to participate and work on road planning at a design work-shop (WS). The participants of WS were possible to propose multiple routes, however, had a difficulty to select the last on a stage of the planning process. This was due to difference of opinion that some participants felt to avoid house relocation, another thought important to contribute the road to community revitalization. Therefore, they hesitated to agree the final. By an effort to adjust participants' interests, they reached agreement. The lesson from this case is to clarify the interests of participants, and to provide with proper information that participants can evaluate validity of proposal routes.

Influence of Windmills Arrangement on Visual Evaluation [in English], Masuro URAYAMA and Shinjiro SAKAMOTO:, Papers on EXPO World Conference on Wind Energy, Renewable Energy, Fuel Cell & Exhibition 2005, CD-ROM, No.1056, 2005.9

Some wind farms have been constructed in Japan in these years. Visual impacts of wind farms on landscape cannot be disregarded, because they have dozens of huge windmills. There are two ways to moderate the visual impacts of wind farms on landscape, first is to set windmills in invisible area from important viewpoints, second is to operate windmills arrangement to moderate their impacts. This study was tackled from the latter viewpoint. This paper reports visual influences of windmills arrangement on landscape. Firstly, some computer graphic pictures were prepared, that have windmills on the various position of forms, the distances from viewpoint and the width of them. Next, 48 students evaluated these pictures with 10 adjective words in Semantic Differential method. Measure findings were as follows: (1) The visual factors of seeing windmills are feeling of oppression, balance and density; (2) these three factors of visual evaluation have the relation to the windmills arrangement; (3) This finding shows the possibility to moderate the visual impacts of windmills by operating their arrangement.

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Behavior of Water in Concrete and Its Control (Part 1) Behavior of Free Water in Bleeding [in Japanese], Toshitsugu INUKAI and Shigemitsu HATANAKA, Concrete Techno, 24(9), pp.24-30, 2005.9

Behavior of Water in Concrete and Its Control (Part 2) Control of Behavior of Free Water and Dewatering Mechanism [in Japanese], Toshitsugu INUKAI and Shigemitsu HATANAKA, Concrete Techno, 24(10), pp.37-41, 2005.10

On Simple Methods for Finding Out Poor Quality Concrete -Feasibility of Application of A Scratching Test- [in Japanese], Shigemitsu HATANAKA, Cement and Concrete, Japan Cement Association, No.705, pp.42-50, 2005.11