# Concentration Distribution of Heavy Metals from Road Dust Sediment on Highway

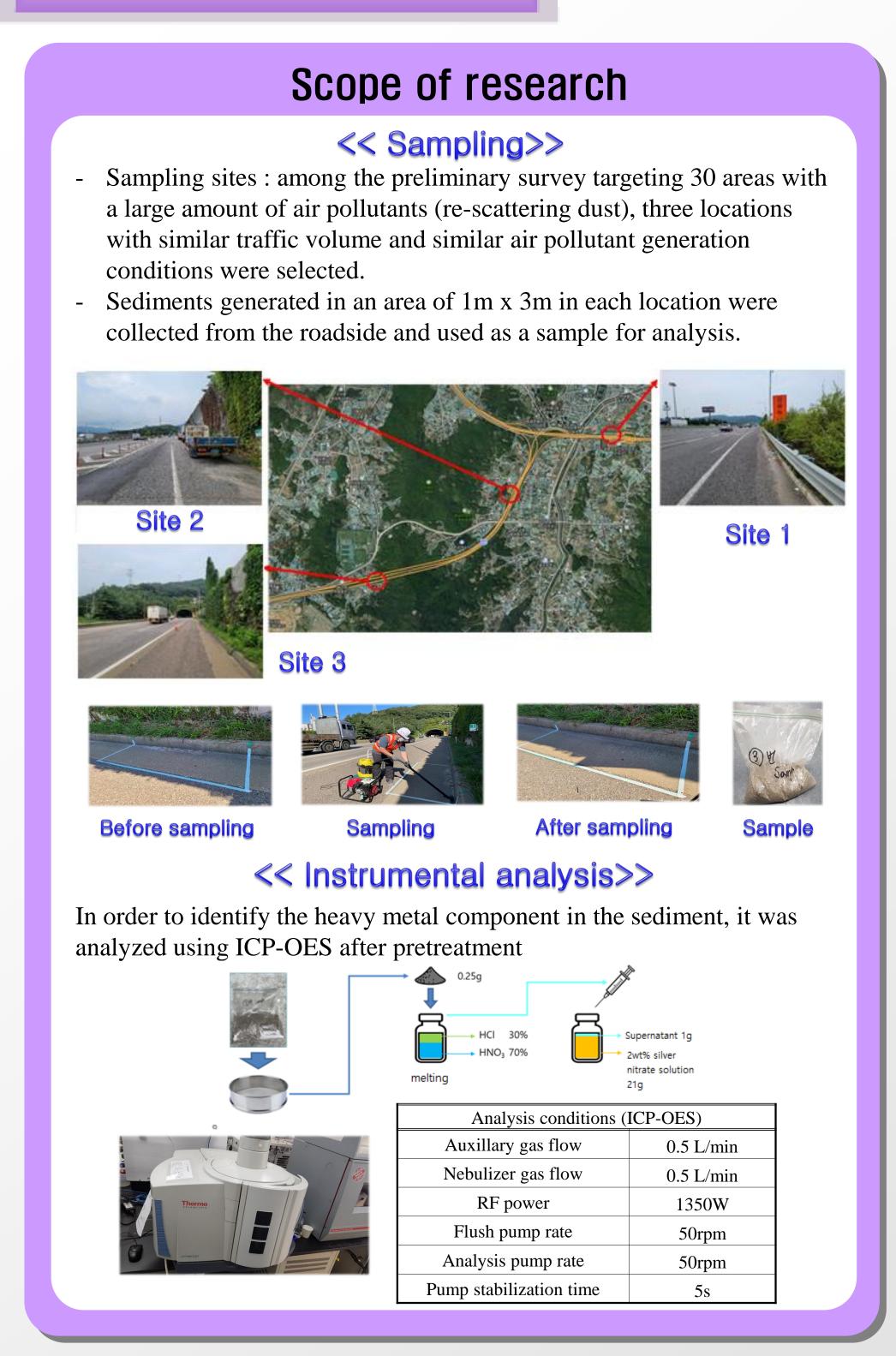
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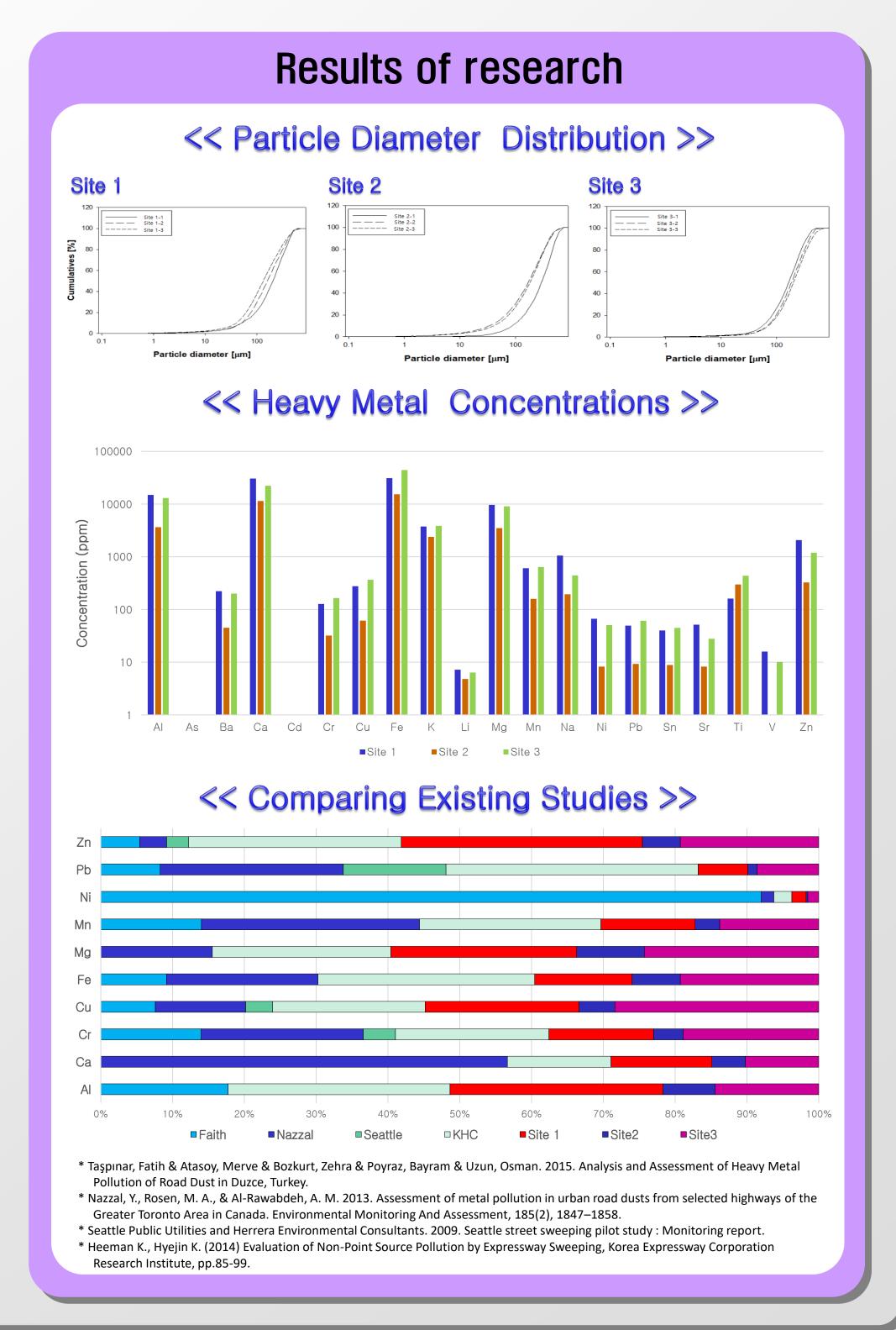
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### Introduction

- As the severity of air pollution caused by fine dust increases, national "fine dust management measures" are established, and interest in air environment improvement continues to increase.
- In the case of roads, automobiles pass through, and various air pollutants are generated by the combustion of automobile fuel, so it is an important place for monitoring and managing air pollution.
- Recently, interest in not only the generation of air pollutants due to fuel combustion but also the generation of pollutants due to wear of pavement surfaces and tires has been increasing.
- This study, the distribution of heavy metal components was analyzed by analyzing the sediments generated on the highway.

#### Scope & Results





## Conclusions

- This study, the distribution of heavy metal components was analyzed by analyzing the sediments generated on the highway
- As for the heavy metal components of sediments on highways, naturally occurring heavy metals were found to be high, and anthropogenic heavy metals were found to be relatively low.
- It is considered that the effect of substances introduced from the vicinity of the road is higher than that of substances generated on the highway.

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