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Author: Xiaoyan Meng Daoyong Yang

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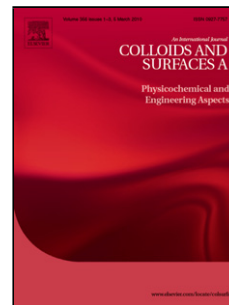
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Determination of Dynamic Dispersion Coefficient for Particles Flowing in A Parallel-Plate Fracture

Xiaoyan Meng and Daoyong Yang*

Petroleum Systems Engineering, Faculty of Engineering and Applied Science, University of Regina, Regina, Saskatchewan, Canada, S4S 0A2

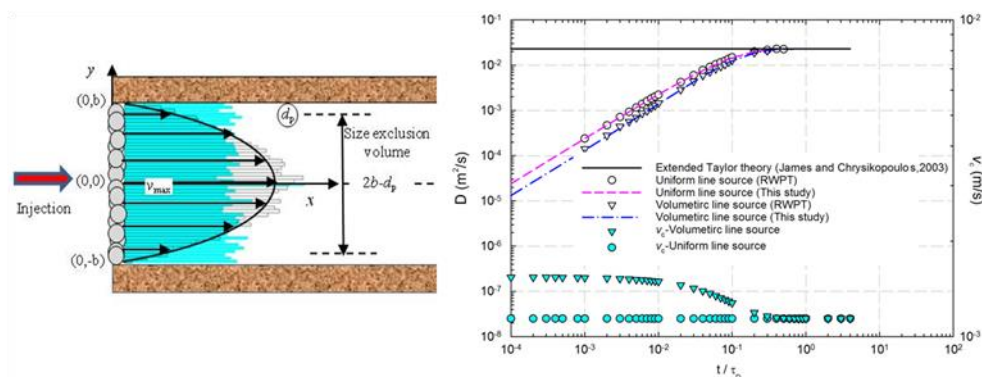
*Corresponding author: Daoyong Yang

Phone: 1-306-337-2660

Fax: 1-306-585-4855

Email: tony.yang@uregina.ca

Graphical abstract



Highlights

- Models of dynamic dispersion coefficients for particle transport are proposed
- At early times, particle dispersion coefficients are affected by source conditions
- Dispersion coefficients of particles originating from the line source are relatively larger
- Dispersion coefficients of particles and solutes are different across the full-time scale

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