**The training course “Stratigraphy and sedimentary environment related to gas hydrates ”**

| **No.** | **Lecture** | **Training contents** | **Notes** |
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| **1** | **Day 1** | Overview stratigraphy of gashydrate accumulations in the marginal seas. Part 1. |  |
| **2** | **Day 2** | Overview stratigraphy of gashydrate accumulations in the marginal seas. Part 2. |  |
| **3** | **Day 3** | Overview stratigraphy of gashydrate accumulations in the marginal seas. Part 3. |  |
| **4** | **Day 4** | Basic stratigraphy units in the oilgas geology of the marginal seas. |  |
| **5** | **Day 5** | Methods to study stratigraphy of the gashydrate bearing sediment strata. Part 1. |  |
| **6** | **Day 6** | Methods to study stratigraphy of the gashydrate bearing sediment strata. Part 2. |  |
| **7** | **Day 7** | Biostratigraphy of the gashydrate bearing sediments. |  |
| **8** | **Day 8** | Lithostratigraphy of the gashydrate bearing sediments. |  |
| **9** | **Day 9** | Seismostratigraphy of the gashydrate bearing sediments. |  |
| **10** | **Day 10** | Overview of sediment environment in gashydrate aspects. Part 1. |  |
| **11** | **Day 11** | Overview of sediment environment in gashydrate aspects. Part 2. |  |
| **12** | **Day 12** | Basic sediment features in order of importance to gashydrate origin and distribution. |  |
| **13** | **Day 13** | Granulometry importance to gashydrate formation. |  |
| **14** | **Day 14** | Mineral composition of the gashydrate prone sediment basins. |  |
| **15** | **Day 15** | Lithodynamics and accumulation of gashydrates. |  |
| **16** | **Day 16** | Sediment lithochemistry features in gashydrates bearing areas. |  |
| **17** | **Day 17** | Sediment fluxes and gashydrate formations. |  |
| **18** | **Day 18** | Structure and textures of the gashydrate bearing sediments. |  |
| **19** | **Day 19** | Sea level stand and glacial periods importance of the gashydrate study. |  |
| **20** | **Day 20** | Background of basin analyses in the gashydrate prone sediment basins in the marginal seas of the western Pacific |  |