

# 平成 27-令和元年度成果公表参考リスト

※ 口頭発表予定や投稿中・印刷中論文の一部を含む。

(R2 年 5 月現在)

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- 72) 西田, 「ISO-accidental action の策定の概要」, 日本建築学会衝撃低減対策小委員会・土木学会構造工学委員会主催シンポジウム「耐衝撃設計の合理化に向けて; 現状と新しい流れ、今後の課題」, 2019 年 11 月
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## (5) 受託報告書等

11 件

- 1) 原子力規制庁受託事業、「平成 27 年度原子力施設等防災対策等委託費（高経年化技術評価高度化（原子炉一次系機器の健全性評価手法の高度化））事業報告書」、日本原子力

研究開発機構、平成 28 年 3 月

- 2) 原子力規制庁受託事業、「平成 27 年度原子力施設等防災対策等委託費（高経年化を考慮した機器・構造物の耐震安全評価手法の高度化）事業報告書」、日本原子力研究開発機構、平成 28 年 3 月
- 3) 原子力規制庁受託事業、平成 28 年度原子力施設等防災対策等委託費（高経年化技術評価高度化（原子炉一次系機器の健全性評価手法の高度化））事業成果報告書、平成 29 年 3 月（公開予定）
- 4) 原子力規制庁受託事業、平成 28 年度 原子力施設等防災対策等委託費(高経年化を考慮した機器・構造物の耐震安全評価手法の高度化)事業成果報告書、平成 29 年 3 月（公開予定）
- 5) 原子力規制庁受託事業、平成 28 年度原子力施設等防災対策等委託費（衝突に伴う構造物の局部破壊に関する基礎的研究）再委託：コンクリート板と鋼製飛翔体の衝突解析成果報告書、平成 29 年 2 月
- 6) 原子力規制庁受託事業、平成 29 年度原子力施設等防災対策等委託費（高経年化技術評価高度化（原子炉一次系機器の健全性評価手法の高度化））事業成果報告書、平成 30 年 3 月（公開予定）
- 7) 原子力規制庁受託事業、平成 29 年度 原子力施設等防災対策等委託費(高経年化を考慮した建屋・機器・構造物の耐震安全評価手法の高度化)事業成果報告書、平成 30 年 3 月（公開予定）
- 8) 平成 29 年度文部科学省 国家課題対応型研究開発推進事業、英知を結集した原子力科学技術・人材育成推進事業「原子力プラントの包括的安全性向上のための地震時クリフエッジ回避技術の開発」再委託：原子力プラントの包括的安全性向上のための地震時クリフエッジ回避技術の開発（建屋システムおよび原子炉容器・配管のクリフエッジ回避技術）成果報告書、平成 30 年 3 月（公開予定）
- 9) 原子力規制庁受託事業、平成 30 年度原子力施設等防災対策等委託費（高経年化技術評価高度化（原子炉一次系機器の健全性評価手法の高度化））事業成果報告書、平成 31 年 3 月（2019）。(公開予定)
- 10) 原子力規制庁受託事業、平成 30 年度 原子力施設等防災対策等委託費(高経年化を考慮した建屋・機器・構造物の耐震安全評価手法の高度化)事業成果報告書、平成 31 年 3 月（2019）。(公開予定)
- 11) 原子力規制庁受託事業、平成 31 年度 原子力施設等防災対策等委託費(高経年化を考慮した建屋・機器・構造物の耐震安全評価手法の高度化)事業成果報告書、平成 32 年 3 月（2020）。

#### (6)表彰等

4 件

- 1) 国際会議論文賞(西田、2017/6)、成果タイトル"CRITERIA FOR PERFORMANCE EVALUATION AND NUMERICAL VERIFICATION TO SHOCK-RESISTANT DESIGN OF BUILDINGS"
- 2) 日本原子力学会奨励賞(崔、2018/3)、 成果タイトル"原子力施設の地震リスク評価にお

ける認識論的不確実さの定量化に関する研究"

- 3) 国際会議最優秀論文賞(東、2018/7)、成果タイトル"Closed-form stress intensity factor solutions for deep surface cracks in plates"
- 4) 日本機械学会動力エネルギー・システム部門優秀講演表彰(ル、2019/11) 成果タイトル "Verification of a probabilistic fracture mechanics code PASCAL4 for reactor pressure vessels"