

Professor Datin Paduka Dr Samsinar Md Sidin Universiti Tun Abdul Razak (UNIRAZAK)



















Definitions

• "inherently abnormal, unstable and complex situation that represents a threat to the strategic objectives, reputation, or existence of an organization: (PAS200:2011)

• "Does not recognize or respect national boarders; it thrives on fragmentation and variety... it does not confine itself to a particular policy area; it jumps from one field to another; unearthing issues and recombining them mega threats... it is an embedded vulnerability that emerges, fades, mutates, and strike again. " (Dayton, 2004:166)



What is a Crisis?

- An abnormal, disruptive situation which could lead to disaster
- A time of acute difficulty or danger, sudden, unexpected, uncontrollable.
- A decisive moment, a turning point, and the outcome is uncertain.
- Sudden or smoldering crises
- Evolve uniquely, requires creative solutions
- The risk or threat embedded in a crisis is often new or a one-off concoction of familiar elements, compounded by speed.
- Develops in unpredictable manner
- Natural or industrial crises;















Common reactions to crisis

- 4Fs
 - Fight
 - Flight
 - Freeze
 - Faint
- Denial organizations deny they are vulnerable to crisis
- Attitude we can always handle the big things, we are doing the right things

Characteristics of Crisis



Characteristics of Crisis

- time constraints
- ambiguity
- remarkably unusual circumstances
- limited or conflicting information
- stakeholders' involvement
- immediate and decisive action.
- Signs are subtle, hard to detect, not communicated







Crisis Leadership

- Ability to lead under pressure
- Unique, different set of leadership abilities
- Extraordinary capabilities
- Building trust within the organization
- Firm's key external stakeholders considered
- Use principles and processes:
 - prepare their organizations for difficult times
 - contain crises when they occur
 - leverage crisis situations as a means for creating organizational change and innovation



 Leadership is also about creating possibilities so organizations can blossom in ways that might not have been predicted or possible in the absence of the pressures that crises evoke.





Crisis Leadership

A frame of mind accompanied by a key set of behaviors.

- openness to new experiences
- willingness to learn and take risks
- an assumption that all things are possible
- a belief that even in times of crisis, people and organizations can emerge better off after the crisis than before.
- the capability to lead under extreme pressure



Crisis Leadership

- Because of the increasing chaos, change from authoritarian leadership through teamwork and participative management mentality
- transformed traditional crisis leaders to a leader model that makes scenario analysis
- co-ordinate with a team by gathering lots of different point of view to create optimum solution.
- optimal and timely assessment process of adverse condition's effects



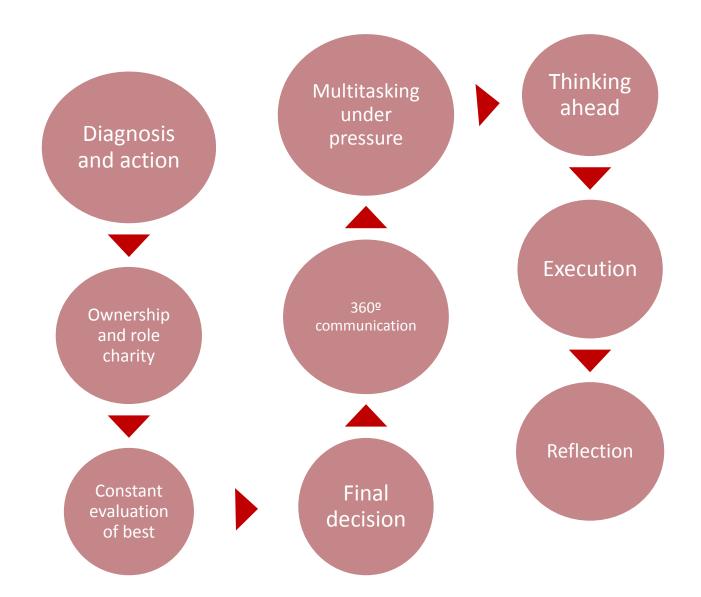
Crisis Leadership Mindset

- A propensity to reflect, learn and adapt
- Learning from the crisis situation and its aftermath.
- Scanning and seeing possibilities -- the ability to strategically scan the environment for knowledge and act upon it
- Make quick and ethical decisions to establish trust among his/her stakeholders.
- Knowledge plus trust of stakeholders



Crisis Leadership Process







Why Crisis Leadership Matters

- Crises are inevitable.
- Leaders of organizations and nations during crisis can make a difference
- In its absence, the stakeholders who are adversely affected by the crisis cannot truly recover
- Creates the potential for a company and its stakeholders to be better off following the crisis
- Handling of a crisis can lead to more damage
- Involves much more than good communications and public relations.
- Rhetoric and positive spin alone will not resolve a crisis.
- Learning from crisis is the best hope we have of preventing repeat occurrences.



Crisis Management good practices...

- Intellectual requirements ability to analyze situations, develop strategy, and make decision
- Organizational requirements structures and processes to translate decisions to actions
- Cultural requirements staff willingness to share and support top managers intentions
- Logistics requirements applying the right resources in the right place, at the right time



Crisis Decision Making

- Usually very challenging.
- Time is of the essence, information is fragmented and incomplete (creating a distorted picture),
- If the situation is also an emergency, the immediate goal is survival.
- Decisions must be made in a crisis, even if they are the wrong decisions.



Crisis Decision Making (cont.)

- There is seldom a right answer, or at least an obvious right answer, in a crisis.
- More typically, there is a hard right and an easy wrong.
- Intense shock and pressure emotionally and physiologically
 - Surge of adrenalin,
 - Spiking pulse,
 - Soaring blood pressure,
 - Anxiety,
 - Panic















Case Study 1: The Hudson River Tragedy



US Airways Flight 1549

- January 15 2009
- Took off from New York City's LaGuardia Airport
- Struck a flock of Canadian geese just northeast of the George Washington Bridge
- lost all engine power
- Unable to reach any airport, pilots Chesley Sullenberger and Jeffrey Skiles glided the plane to a ditching in the Hudson River off Midtown Manhattan ¹
- All 155 people aboard were rescued by nearby boats, and there were few serious injuries.
- known as the "Miracle on the Hudson"
- National Transportation Safety Board official described it as "the most successful ditching in aviation history". [6]



References:

 https://www.telegraph.co.uk/films/sully/miracle-on-the-hudson-howit-happened/

https://en.wikipedia.org/wiki/Chesley Sullenberger

https://www.youtube.com/watch?v=4v7kASXPQMc

https://www.youtube.com/watch?v=fJ5ZLdJDBrg

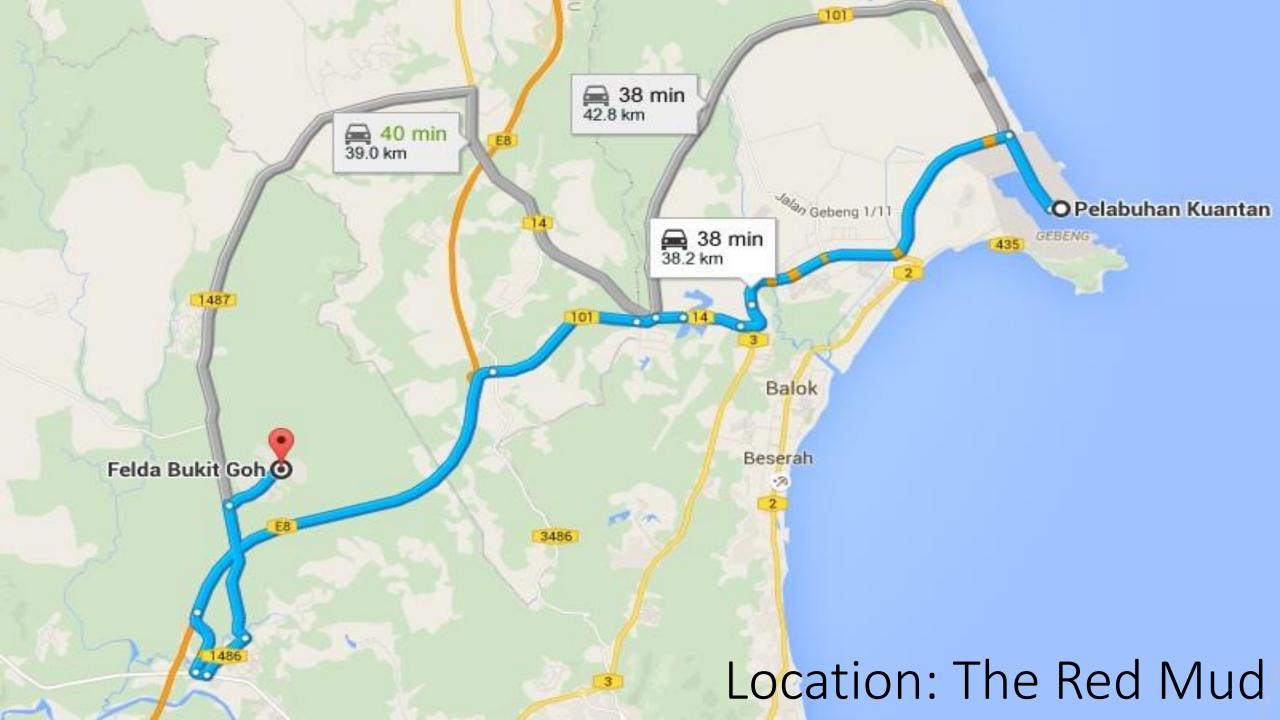


UNIRAZAK UNIVERSITI TUN ABDUL RAZAK

Case Study 2: Kuantan Mars - Chronology

Date	Event(s)
14 February 2015	Pahang State government to stop iron ore and bauxite mining activities if there was no solution to the complaints about pollution from residents and road users around Kuantan Port
22 July 2015	FELDA stopped all bauxite mining application and activities in Bukit Goh, Pahang.
30 December 2015	The sea off Pantai Batu Hitam was a bright red after a downpour
8 January 2016	Call on the Federal and Pahang governments to come up with a holistic solution to the bauxite mining issue in the state

Date	Event(s)
12 January 2016	Pahang police created nine 24-hour inspection centers for lorries carrying bauxite to ensure public safety
15 January 2016	The three-month moratorium on all bauxite mining activities in Pahang was announced
22 January 2016	Four individuals held in the bauxite graft probe
23 January 2016	Approved Permit (AP) given for bauxite export to clear stockpile
27 January 2016	60 per cent affected areas with bauxite cleaned
16 February 2016	Group educate settlers on protection from bauxite pollution

















UNIRAZAK UNIVERSITI TUN ABDUL RAZA

Case Study 2: Kuantan Mars

References:

https://www.bbc.co.uk/news/world-asia-35340528

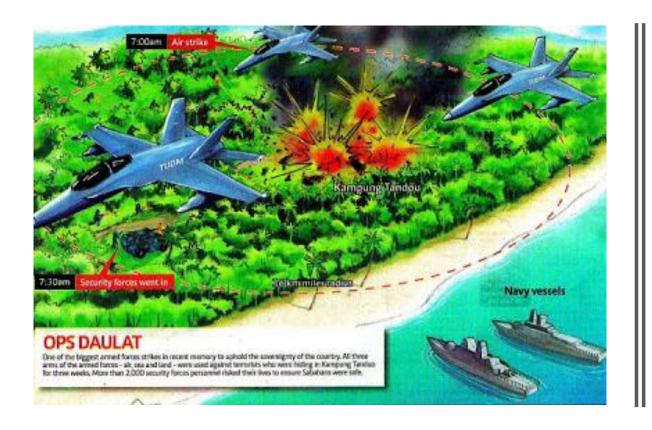
• https://www.nst.com.my/news/2016/01/120276/kuantan-facing-severe-danger

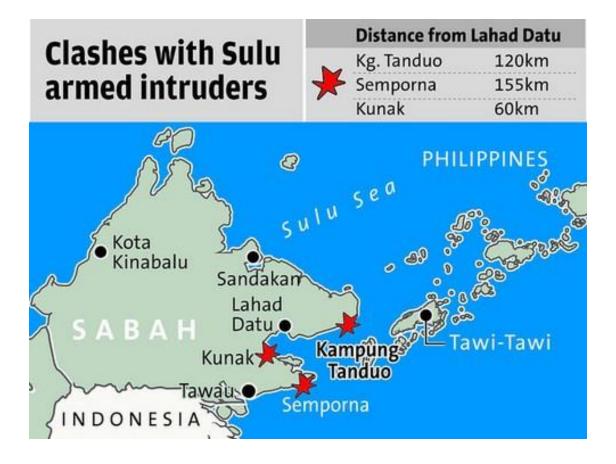
 https://www.thestar.com.my/news/nation/2019/02/19/bauxitemining-to-resume-industry-welcomes-govts-decision-to-restartactivities-in-april/



Lahad Datu Standoff

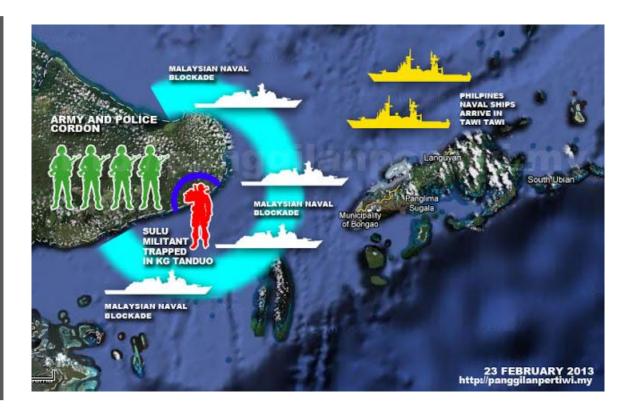






Area of clashes





Ops Daulat – Striking at terror



Ops Daulat—Malaysian Armed Forces and Royal
Malaysian Police launch a joint operation to dislodge Sulu
terrorists from Kampung Tanduo

Situation inside the evacuation centre







Villagers return home on foot

Heartbreaking views of destroyed houses and property Villagers seek their livelihood at sea









Confidence restored—Schools reopened while closely monitored by security forces

Confidence restored—10 districts under the Eastern Sabah Safety Zone



Case Study 3: Lahad Datu Standoff- Chronology



9th February 2013

 An armed group from Southern Philippines enter Malaysian waters in a boat and begins to gather in stages at Felda Sahabat 17, Kampung Tanduo in Lahad Datu

11th February 2013

• A gang from the group is discovered by a group of local fishermen at night. The fishermen lodge a police report that 100 armed men in army fatigues are putting up in Kampung Tandou.

Case Study 3: Lahad Datu Standoff- Chronology



12th February 2013

• The group breaks into smaller groups to enter several locations in the village, namely Sungai Bakau village, village surau and the house of one Ahmad Malandi, also known as Mad Bon.

14th February 2013

• Prime Minister Najib Razak says the Malaysian government will try its best, including negotiations, to handle the issue of intrusion before ousting them from the area. Inspector-general of police Ismail Omar says the police identify the group of Filipinos who landed on the shore of Lahad Datu as being linked to the 'Sulu Sultanate' from southern Philippines.

Case Study 3: Lahad Datu Standoff- Chronology



16th February 2013

 Home Minister Hishammuddin Hussein confirms the group is not a militant or terrorist group. They are strong supporters of the Sulu Sultanate and stresses the situation in Kampung Tanduo is under control

18th February 2013

• Hishammuddin says the governments of Malaysia and Philippines are working closely to resolve the conflict, through diplomacy and without bloodshed.

24th February 2013

 The Philippine government sends a boat under humanitarian mission to ferry the 180 armed personnel, including 30 armed guards, holding up in Lahad Datu, Sabah since Feb 12

Case Study 3: Lahad Datu Standoff- Chronology



28th February 2013

• The Malaysian government is urged to negotiate directly with Sultan Jamalul Kiram III in Manila to end the conflict of seizing the area in Lahad Datu, Sabah which has prolonged for more than three weeks. The call is made by Jamalul's youngest brother, Agbimuddin Kiram, who stresses that only his brother can order the 180 Royal Army personnel to leave Felda Sahabat 17, Lahad Datu.

1st March 2013

- a shootout breaks out between security forces and a small group of intruders when they try to break a police blockade in Kampung Tanduo, resulting in two police commandos dead and three others injured.
- All 12 members of the small group of intruders are killed







H 388-C2 366 - 622 MI 324/323-C15 131 PG 952 -MH MI 328/327- C13 715-616 MH CZ 366 - CZ 376 - (35 H2664-A6 CZ 349 350 - 621 61 1002 BH - B4 17 280 281 - 621 MH -G4 H758 8L 839 |840 - C14 -C16 N4723 - 98 雪 31 282 283 - C14 8670 - H2 NA 38-CE W 583 - C27 M with MH2640 - Ab-1 MH 613 C3 BP 848 849 - (27 NA WITCH MH 717 GH 1000 TG 415/416 - C26 AND CA MH 860 - 66 1576 AMCI 00/81-56 MH 199 - 46 C2. NR4-DI 10114-62 1014-62 1014-62 ULOSIS - CIS WH 3202-810 m+762 = 47-ではない EY 418/411 - C24 MH7594-A7 MH1051- A6 0035-98 M+ 115 - 64 NH 885 1886- CZ MH2614-A11 SEE SEE MI 2633- ATM MIN CLA PG 952 - (31 MH 627 (SIN) - H6 VJ 875 | 876- C31 304 64 MX 2606 - 85 MH 1140- A2 GA 820/824 -MI 182 - H10 MA THE CIN MH 2710 - B2 MH 1138 - A5 KA 730 - C32 14704-G6 MH 750- HID MH 752-C3 MH 752-C3 KA 728 - C32 MH 794 - HZ 69 921 /922 - 65 -G8 (1430) BP 217/218-MH 432 -46 MH 851 - #2 MH 864 - #6 PR 516 51841 - 617 1722-035 M+623-G8 MH 730 - 46 144619 - 48 M1770L- C35

MH88-C2 DD 231-G8. MH198-G2 MA360 C12 MH002-64 NN 680 m #790 H4 66 MH 627 C23 MH727 OD162-98 G4 138 mit 192-64 WH+ KL 810 WH .179- H4 MH135-C36 MH0190 OD318-910 122 C26 JL724-C35 SQ119-C2 TG418 C4 MH 376 00182-66 C2 WY824-C1 782 50119-62 MH149- G6 H2 MH 114 mt 66 -CI MH52-C3 MH 785 H2 M H 432 C23/14/80-48 OD9112/ID6018-C31 171 OD G10 00805-68 46 316 OD CZ 3048 HG QR849-C36 OD318 OD215 - G8 OD 571 m H 740 HIO MH867-H8 BI874-C11 m + 13 EK347-C37 MH139-C14 H8 MH /66 H4 MH179-H4 873 MH607 46 MH C13 MI 321 OD182-66 C32 734 C25 MH127 #12 H4 MH386-C30 OD 632 758 MH 410 MH123-CI 114 EY411-C15 64 619 MH 704 MH C06 JT 289 608 MH H2 00173-66 MH 721 C16 853 MH MH 0078-H6 MH 864 561 C6 OD 94 MH1338-87 MH 762 HIO 774 MH 00131-48 #4 OD290-68 725 MH 00 550 61 m 1341-c13 00 155 G14 522 G10 20011- HIA m# 532-H2 MH /13



Case Study 4: KLIA System Disruption - Chronology



The Malaysian Airport Haywire

Chronological Event:

21 August 2019

• KLIA/KLIA 2 reported total system failure affecting multiple systems in the airport. Failure at the network equipment.

22 August 2019

MAHB informed that the situation will be resolved by 23 August 2019

23 August 2019

MAHB explained that they are in the midst of stabilizing their system.
 Deployed additional buses to ferry the passengers to their terminals

UNIRAZAK UNIVERSITI TUN ABDUL RAZAK

Case Study 4: KLIA System Disruption - Chronology

24 August 2019

passenger flow has been reported smooth with intermittent disruptions.

25 August 2019

KLIA/KLIA2 Operations has been restored to normal

26 August 2019

- Ministry of Transport announces a panel to investigate the system failure of TAMS (Total Airport Management System).
- MAHB saying that they are not dismissing the possibility of malicious intent causing the incident.
- Airport passengers stating its not a full-service recovery, the information system was still down. KLIA / KLIA2 were operating at partial system availability.

Case Study 4: KLIA System Disruption - Chronology



• 27 August 2019

- Airlines seeking compensation from MAHB due to airport system down.
- MAHB lodges police report over possible malicious intent being cause of downtime.
- 28 August 2019
 - Prime Minister orders probe to the airport downtime incident.
- 29 August 2019
 - PDRM said to be probing 4 in relation to airport system failure



Harini bangun2 baca paper, nak marah ada, nak gelak pon ada. Spa la iv ni. Aku subcon kt klia. Aku tau ap yg berlaku. Tkde cyberattacks berlaku pon. Mmg core switch tu dah kaput mcm hram. 17 thun tkpernah tkar and 24/7 running dgn full load kt switch tu.

Tkyahakaçah tau diknet

Translate Tweet





Helmi @MHelmi_M · 21h
Replying to @badrul_aminnn

Sabar saudara.

Biarkan mereka dengan teori konspirasi depa.

Nak tanya, sebab saya bukan background IT:

- 1. Core switch tu tiada back-up?
- 2. Kenapa tak ditukar lebih awal?
- 3. Lifespan core switch biasanya berapa tahun?



 $\bigcirc 1$

1

 \bigcirc 6





Infra team di apply semua to sangkut dkt finance sbb core switch bkn murah lagi2 brand cisco. Makan juta nk tkar, migrate from current devices to new one and algi satu preventive maintenance. Tu yg finance tk release dia pnya applicants. Best practices adalah 6thun tkar switch

94

172

0





genJ sl emaN @hazid34 · 6h But they tak tukar for 17 years??

Q1

17

Ĺ



bAd @badrul_aminnn · 6h Hehehe. Jgn trkejut. Senang crita org b Ir d

bAd @badrul_aminnn · 21h

Infra team dh apply semua tp sangkut dkt finance sbb core switch bkn murah lagi2 brand cisco. Makan juta nk tkar, migrate from current devices to new one and algi satu preventive maintenance. Tu yg finance tk release dia pnya applicants. Best practices adalah 6thun tkar switch

Q4

(

(12

,1,



get 1 st emaN @hazid34 6ht But they tak tukar for 17 years??

Q

€Ţ.

O.

-





bAd @badrul_aminnn · 6h Hehehe. Jgn trkejut. Senang crita org malaysia pnya style selagi tk jahanam pakai saja. Uhuk

 Q_2

175

C 27

⊥

1 more reply



nuzul fikrie salam @fikriesalam... · 20h ∨ Replying to @badrul_aminnn

Core switch cisco catalyst 6500 kan?

Q1

Û

C

_1



bAd @badrul_aminnn · 11h Ni tksure tp ura dgr dorang dh pkai nexus core switch sbb smalam org cisco trun pdg

Huawei Malaysia to support MAHB's digital transformation

AIRLINES

Tuesday, 20 Aug 2019 7:14 PM MYT















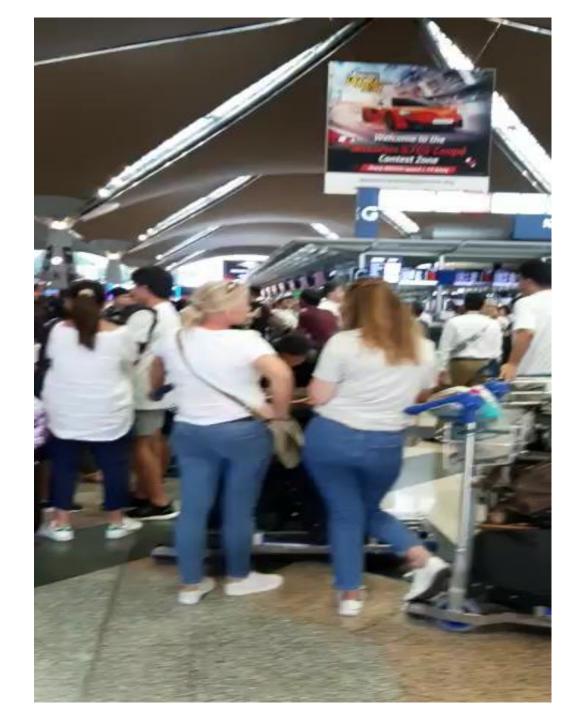
Case Study 4: KLIA System Disruption – Positive Outcome



On a Positive Note...

- MAHB had been mobilizing their own staff, by recruiting and promoting initiatives to get them to assist the passengers during these trying times.
- A poster was seen circulating on social media dated 22 August 2019 asking to assist the situation at KUL during peak hours (12 – 2pm & 4 – 10pm).





Viral Video on social media



CONCLUSIONS



Must take crisis into account



Systematic approach



Learn from others



Recovery may lead to better changes



References

- Barker Nicholas H, W. Abdullah Nik Rosnah, (2018); Crisis Leadership and Resilience, Universiti Tun Abdul Razak, Kuala Lumpur, Malaysia
- Taneja S., Pryor M.G, Sewell S, Recuero A.M, (2014); Strategic Crisis Management: A Basis for Renewal and Crisis Prevention, Journal of Management Policy and Practice, Vol. 15(1); pp 78-83
- Hayes J.E., Wooten L.P., (2011); The European Financial Review; *Crisis Leadership and Why It Matters* pp 60-64
- Hamidovic H.; (2012); An Introduction to Crisis Management, ISACA Journal, Vol. 5, pp1-4
- Pfeifer J.W; (2013); Crisis Leadership: The Art of Adapting to Extreme Events, Program Crisis Leadership Discussion Paper Series, pp 1-22.





- https://www.bbc.com/news/world-asia-35340528
- https://www.nst.com.my/news/2016/01/120276/kuantan-facing-severe-danger
- https://www.thestar.com.my/news/nation/2019/02/19/bauxite-mining-to-resume-industry-welcomes-govts-decision-to-restart-activities-in-april/
- https://www.telegraph.co.uk/films/sully/miracle-on-the-hudson-how-it-happened/
- https://en.wikipedia.org/wiki/Chesley_Sullenberger
- https://www.youtube.com/watch?v=4v7kASXPQMc
- https://www.youtube.com/watch?v=fJ5ZLdJDBrg
- https://www.drsuresh.net/

Thank you

Professor Datin Paduka Dr Samsinar Md Sidin Universiti Tun Abdul Razak (UNIRAZAK)





Bank Rakyat School of Business & Entrepreneurship UNIRAZAK







